Field Books - 1980 Sino-American
Botanical Expedition to western
Hubei Province, P.R.C.

00001 - 00050

Name: Clematis

Family: Ranunculaceae

Locality (number, latitude & longitude, map reference): 100 m. above town of Jiou-hu-ping at 1,650 m. On roadside bank along Wen-shui-he River

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): with Artemisia, Rubus, Vicia & Cirsium; twining climber growing over other vegetation on east-facing road cut

Number: 00001

Date: Aug. 25, 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang, Chang, Ying, Sun, & Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): scandent; flowers purple

Local Name(s):

Local Use(s):

Number of Sheets: 10; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Dipsacus

Family: Dipsacaceae

Locality (number, latitude & longitude, map reference):

On bank of river

other information as on 0001

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00002

Date: 8/25

Occurrence: C O I R

Collector(s): (Bartholomew,) Boufford, Dudley, Elias, (Spongberg,) & Tang, Chang, Ying, Sun, & Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

height ca. 1.5 m. flowers pale pink

Local Name(s):

Local Use(s):

Number of Sheets: 10 ; seeds _____ ; other _____ ; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Campanula punctata

Family: Campanulaceae

Locality (number, latitude & longitude, map reference):

same as 0001

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00003

Date: 8/25

Occurrence: C O I R

Collector(s): (Bartholomew), Boufford, Dudley, Elias, (Spongberg) & Tang, Chang, Ying, Sun, & Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

flowers blue

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Lespedeza

Family: Leguminosae

Locality (number, latitude & longitude, map reference): same as 00001

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00004

Date: 8/25

Occurrence: C O I R

Collector(s): (Bartholomew), Boufford, Dudley, Elias, (Spongberg) & Tang, Cheng Ying, Sun, & Shan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): low shrub of spreading habit; flowers dark pink

Local Name(s):

Local Use(s):

Number of Sheets: 13; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Rubus

Family: Rosaceae

Locality (number, latitude & longitude, map reference): same as 00001 km. 82 from Hsing-shan on main road.

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00005

Date: 8/25

Occurrence: C O I R

Collector(s): (Bartholomew), Boufford, Dudley, Elias, (Spongberg) & Tang, Chang, Ying, Sun, & Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): fruit red, ~~sweet~~ sour

Local Name(s):

Local Use(s):

Number of Sheets: ~~10~~ 14; seeds _____; other _____; photograph _____

Disposition of Sheets: ~~7~~ PRC ~~5~~ 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Staphylea holocarpa

Family:

Locality (number, latitude & longitude, map reference): On bank above road - same, otherwise as 00001

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00006

Date: 8/25

Occurrence: C O I R

Collector(s): (Bartholomew), Boufford, Dudley, Elias, (Spongberg) & Tang, Chang, Ying, Sun, & Kuan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): small tree, ca. 4 m.

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds ✓; other seed divided 9/5/80; photograph ✓

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other

1980 Sino-American Botanical Expedition

Name: Sorbaria arborea

Family: Rosaceae

Locality (number, latitude & longitude, map reference): along river bank - same as 00001

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00007

Date: 8/25/80

Occurrence: C O I R

Collector(s): (Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang, Chang, Ying, Sun, & Wan)

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): small, shrubby tree, ca. 1 M. in height - ca. 3 cm ~~d.b.h.~~ diameter at base trunk with horizontal lenticels leaves dark green

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Spiraea

Family: Rosaceae

Locality (number, latitude & longitude, map reference): on river bank - same, otherwise, as 00001

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): with Sorbaria - in thicket along river

Number: 00008

Date: 8/25/80

Occurrence: C O I R

Collector(s): (Bartholomew), Boufford, Dudley, Elias, (Spongberg), & Tang, Chang, Ying, Sun, & Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): low shrub - flowers deep pink

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 11 ; seeds ✓ ; other divided 9/5/80 ; photograph BB✓

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Crataegus

Family: Rosaceae

Locality (number, latitude & longitude, map reference): on river bank

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00009

Date: 8/25/80

Occurrence: C O I R

Collector(s): (Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang, Chang Ying, Sun, & Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): small tree w three main trunks; fruits greenish-yellow, flushed red - ca. 4m. tall

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds √; other seed divided 9/5/80; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Rosa

Family:

Locality (number, latitude & longitude, map reference): on bank of river

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): growing under Crataegus - (occas)

Number: 00010

Date: 8/25/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang, Chang, Yang, Sun, & Shan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): hips green to red (immature)

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds ✓; other (fruits as specimens divided 9/5/80 seed divided 9/5/80; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Geranium

Family:

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): roadside as 00001

Number: 00011

Date: 8/25/80

Occurrence: C O I R

Collector(s): (Bartholomew), Boufford, Dudley, Elias, (Spongberg), & Tang, Cheng, Ying, Sun, & Wang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): ca. 1 M. tall; flowers lavender

Local Name(s):

Local Use(s):

Number of Sheets: 9; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Corylus ferox var thibetica

Family: ?

Number: 00012

Date: 8/25/80

Locality (number, latitude & longitude, map reference): At 91 Km post from Hsing-shan

Occurrence: C O I R

Collector(s): (Bartholomew,) Boufford, Dudley, Elias, (Spongberg,) & Tang, Chang, Yang, Sun, & Wan

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): On river bank -

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): ca. 1.5 m. tall -

Local Name(s):

Local Use(s):

(fruits stored separately - some for herb. specimens - others for seeds)

Number of Sheets: 11; seeds ✓; other seed divided 9/5/80; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Cotoneaster ? or Photinia

Family:

Locality (number, latitude & longitude, map reference):

At 31 km post from Rkinf-shan

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00013

Date: 8/25/80

Occurrence: C O I R

Collector(s): (Bartholomew,) Boufford, Dudley, Elias, (Spongberg,) & Tang, Chang, Ying, Sun, Wang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

small shrub ca. 1.2 m. Tall -

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds ✓; other seed divided 4/5; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Viburnum cylindricum

Family:

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

On steep slope at base of small outcrop above road from Hsing-shan at ca. 5½ Km.

Number: 00014

Date: 8/25/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang, Chang, Yang, Sun, Wan J

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 4; seeds √; other seed divided 9/5/80; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: [illegible]

Family: Polypodiaceae

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

On moist, moss-covered outcrop in shade of over-hanging shrubs - along road from Hsing-shan

Number: 00015

Date: 9/25/80

Occurrence: C O I R

Collector(s): (Bartholomew), Boufford, Dudley, Elias, (Spongberg), & Tang, Chang, Yung-Sun, & Wang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Evergreen plant

Local Name(s):

Local Use(s):

Number of Sheets: 6; seeds _____; other: rhizomes 9/29/80 to USA; photograph _____

Disposition of Sheets: 3 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Deutzia

Family: Saxifragaceae

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Small shrub w/ exfoliating, smooth bark - on ridge along road.

Number: 00016

Date: 5/25/80

Occurrence: C O I R

Collector(s): (Bartholomew), Boufford, Dudley, Elias, (Spongberg) & Tang, Chang, Yang, Sun, Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 11 ; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Impatiens

Family:

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

wet ground on slope above road

Number: 00017

Date: 8/25/80

Occurrence: C O I R

Collector(s): (Bartholomew), Boufford, Dudley, Elias, (Spongberg) & Tang, Chang, Ying, Sun, & Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

lavender petals, yellow tube

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Pyrrosia

Family: Polypodiaceae

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): On cliff face in moss - shaded

Number: 00018

Date: 8/25/80

Occurrence: C O I R

Collector(s): (Bartholomew,) Boufford, Dudley, Elias, (Spongberg,) & Tang, Chang, Yang, Sun, & Wan 9

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Cornus controversa

Family: Cornaceae

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): along river bank

Number: 00019

Date: 9/25/80

Occurrence: C O (I) R

Collector(s): (Bartholomew), Boufford, Dudley, Elias, (Spongberg) & Tang, Chang, Yang, Sun, & Wang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

straight trunked tree - d.b.h. 20 cm. - ca. 10 m. tall.
one branch at base, cut off, ca. d.b.h. 35 cm.
petioles & pedunculose red, fruits blue/black, under surface of leaf glaucous

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds √; other seed divided 9/5/80; photograph BB

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other

1980 Sino-American Botanical Expedition

Name: Cacalia (Senecio)

Family: Compositae

Locality (number, latitude & longitude, map reference): ca. 1 km. below base camp on right bank of river

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca. 1,650 M. elevation. West-facing slope above river along road cut - wet gravelly soil

Number: 00021

Date: 5/25/80

Occurrence: (C) O I R

Collector(s): Bartholomew, (Boufford), Dudley, Elias, (Spongberg), & Zheng, Lee, Ho, & Yuan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): flowers yellow - thick rhizomes

Local Name(s):

Local Use(s):

Number of Sheets: 2; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Anaphalis

Family: Compositae

Locality (number, latitude & longitude, map reference): same as 00021

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00022

Date: 8/25/80

Occurrence: (C) O I R

Collector(s): Bartholomew, (Boufford,) Dudley, Elias, (Spongberg,) & Zheng, Lee, Tao, & Yuan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 23; seeds _____; other _____; photograph _____

Disposition of Sheets: 12 PRC 11 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Matteuccia

Family: Polypodiaceae

Locality (number, latitude & longitude, map reference):

same as 00021

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

wet seepage slope above road

Number: 00023

Date: 8/25/80

Occurrence: C (O) I R

Collector(s): Bartholomew, (Boufford), Dudley, Elias, (Spongberg) & Zheng, Lee, Ho, & Gadn

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 21 ; seeds _____; other rhizomes to USA 8/29 ; photograph _____

Disposition of Sheets: 10 PRC 11 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Epilobium

Family:

Locality (number, latitude & longitude, map reference):

Same as 00021

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00024

Date:

Occurrence: C (O) I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Zhang, Lee, Ho, & Guan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

flowers pink

Local Name(s):

Local Use(s):

Number of Sheets: 4; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: ~~Valerianella~~ Patrinia

Family: Valerinaceae

Locality (number, latitude & longitude, map reference):

same as 00021

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00025

Date: 8/25/80

Occurrence: (C) O I R

Collector(s): Bartholomew, (Boufford,) Dudley, Elias, (Spongberg,) & Zhang, Lee, Ho, & Gilan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

some plants with yellow flowers & divided leaves; others with ~~yellow~~ whitish flowers & I entire leaves; perhaps also some intermediates — hybrids?

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Saxifraga

Family:

Locality (number, latitude & longitude, map reference): along road to Chui-feng-ya area

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 2,760 M. elev. rocky, north-facing slope - seepage area with Rhododendron & Rhodiola.

Number: 00026

Date: 8/26/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Averyanov

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): caespitose - forming small mats - flowers yellow

Local Name(s):

Local Use(s):

Number of Sheets: 12 ; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Rosa omeiensis

Family:

Locality (number, latitude & longitude, map reference):

SCC 26

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): same as 027 except 2,760 M. elev. not seeding cared

Number: 08027

Date: 8/26/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hs. Jeng, Fee

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

multistemmed shrub to ca. 1.5 M.
hips scarlet red.

Local Name(s):

Local Use(s):

Number of Sheets: 16; seeds ✓; other seed divided 9/5/80; photograph ____

Disposition of Sheets: 8 PRC 8 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: ~~Rhododendron~~ Circaea alpina L.

Family: subsp. imaicola (Asch. & Mag.) Kitamura

Locality (number, latitude & longitude, map reference):

Alt 24

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

same as 27

Moist, roadside bank, mostly under coarse herbs

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

~~tiny lavender/purple~~ flowers white, fruits easily detached.

Local Name(s):

Local Use(s):

Number of Sheets: 2; seeds _____; other _____; photograph _____

Disposition of Sheets: 1½ PRC 1 USA: A CM NA NY UC Other _____

Number: 00028

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Cheng

1980 Sino-American Botanical Expedition

Name: Acanthopanax

Family:

Locality (number, latitude & longitude, map reference):

see 26

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Same as 27

Number: 00029

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

(Apparently Never Pressed)

Local Name(s):

Local Use(s):

Number of Sheets: 0; seeds _____; other _____; photograph _____

Disposition of Sheets: _____PRC _____USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: ~~Endemic~~ Smilacina

Family: ~~Tenthl Liliaceae like~~

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in thicket of bamboo above road on north-facing slope; elev. ca. 2,500 m.

Number: 00030

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 1; seeds _____; other _____; photograph _____

Disposition of Sheets: _____PRC _____USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Betula sp.

Family:

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

On north-facing slope below road; elev. ca. 2,525 m.

Number: 00031

Date: 8/26/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Large tree, ca. 12 m., with several trunks from near base; bark flaking, darkish gray

Local Name(s):

Local Use(s):

to USA 8/29/80

Number of Sheets: 14; seeds √; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Viburnum sp. (cordifolium?)

Family:

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): on North-facing slope above road in moist soil, ca. 2,500 m. elev.

Number: 00032

Date: 8/26/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): small shrub, ca. 1m. high; fruit clusters pendulous, fruit red

Local Name(s):

Local Use(s):

Number of Sheets: 8; seeds ✓; other seed dried 9/5; photograph ____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Saussurea

Family: C

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

growing in rocky soil at edge of and on slope by dirt road - 12,500 m. elev.

Number: 00033

Date: 8/26/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

involucres purplish; leaves lavender; discs yellow

Local Name(s):

Local Use(s):

Number of Sheets: ~~8~~ 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Rubia

Family:

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): gravelly soil in moist areas along edge of road; 2,700 - 3,000 m. elev.

Number: 00034

Date: 7/26/80

Occurrence: (C) O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & _____

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): stiff, erect plant. flowers blue

Local Name(s):

Local Use(s):

Number of Sheets: 18; seeds _____; other _____; photograph _____

Disposition of Sheets: 9 PRC 9 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Cacalia

Family: Compositae

Locality (number, latitude & longitude, map reference):

Number: 00035

Date: 8/26/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): moist seepage slope along road; elev. ca. 3000 m. bamboo thicket area

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Crataegus or Malus

Family:

Locality (number, latitude & longitude, map reference):

Number: 00036

Date: 8/26/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): On north-facing slope in rocky area above road; elev. ca. 2,500 m.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): leaves very dark green; fruits red; multi-stemmed tree ca. 5 m.

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds √; other seed divided 9/5/80; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Parnassia

Family:

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): same as #26

Number: 00037

Date: 8/26/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Sambucus cf. chinensis

Family:

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in gravelly, wet soil along road on north-facing slope; elevation ca. 2,500 m

Number: 00038

Date: 8/26/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): foul-smelling plant; fruits cherry red

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Gentiana sp.

Family:

Locality (number, latitude & longitude, map reference):

Number: 00039

Date: 8/26

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): growing in moist open edge of roadcut, often in shade of bamboo; elevation ca. 3,000 m.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): purple flowers; plants prostrate.

Local Name(s):

Local Use(s):

Number of Sheets: 6; seeds _____; other _____; photograph _____

Disposition of Sheets: 3 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Ribes

Family:

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): on north-facing slope above road in rocky soil.

Number: 00040

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): fruits shiny black; shrub ca. 1.5 m. tall.

Local Name(s):

Local Use(s):

Number of Sheets: 13; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Polygonum ?

Family: ?

Locality (number, latitude & longitude, map reference):

Acc # 26

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Acc # 35

Number: 00041

Date: 8/26/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

flowers yellowish-white

Local Name(s):

Local Use(s):

Number of Sheets: 11 ; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Luzula sp.

Family:

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

On moist, rocky slope above road; growing in small pockets of soil; elev. ca. 2,760 m.

Number: 00042

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 4; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Phlium

Family:

Locality (number, latitude & longitude, map reference):

at top of pass; sec # 26

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): open grassland, at ca. 3,000 m.

Number: 00043

Date: 8/26/80

Occurrence: (C) O I R

Collector(s): Bartholomew, (Boufford, Dudley, Elias, Spongberg,) &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 8; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Anaphalis

Family: Compositae

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): on rocky ledges & at base of ledges along road on N-facing slope at ca. 3660 m.

Number: 00044

Date: 8/26/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): heads white

Local Name(s):

Local Use(s):

Number of Sheets: 16; seeds _____; other _____; photograph _____

Disposition of Sheets: 8 PRC 8 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Paris polyphylla

Family:

Number: 00045

Date:

Locality (number, latitude & longitude, map reference):

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in bamboo thicket

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): leaves + pales beneath

Local Name(s):

Local Use(s):

Number of Sheets: 1; seeds _____; other _____; photograph _____

Disposition of Sheets: _____ PRC _____ USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: _____

Family: Polypodiaceae

Locality (number, latitude & longitude, map reference): _____

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca 2600 meters exposed area in thicket

Number: 00046

Date: 8/26

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & _____

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Grass

Family:

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca 3000 meters Open grassland and mixed forbs

Number: 03047

Date: 8/26/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Streptopus

Family:

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00048

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

fruit orangish-red;

Local Name(s):

Local Use(s):

Number of Sheets: 4; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Athyrium atkinsonii

Family: ?

Locality (number, latitude & longitude, map reference):

Number: 00049

Date: 9/26

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Ca 3000 m. in deciduous - coniferous - bamboo forest remnant

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): fronds tufted from cut rhizomes

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Triosteum

Family:

Locality (number, latitude & longitude, map reference):

Number: 00950

Date: 8/26/80

Occurrence: C O R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in moist soil at the margins of thickets on north facing slope above road elev. 2,500 - 2,700 m.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): fruits white, easily detached - usually several stems from woody caudex

Local Name(s):

Local Use(s):

Number of Sheets: 5; seeds √(?); other _____; photograph _____

Disposition of Sheets: 3 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

00051 — 00100

Name: Impatiens

Family:

Locality (number, latitude & longitude, map reference):

Shennongjia Forest Region, Hubei Prov.
0.5 km W of field station Jiuhuping

Site # 1, & Ecological Notes (elevation, aspect, soil, exposure, associates): Water-washed valley, E side of Jiuhuping River; elev. 1670-1770 m; rocky loam soil; W facing exposed slope

Number: 00051

Date: 25 Aug. 1980

Occurrence: C O I R

Collector(s): Bartholomew, Bousford, Dudley, ~~Ellis~~ Lueteyn, Spongberg, & Ho, Lee, Zheng, Jing & Guan (Group B)

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Herb 60 cm tall; upper calyx lobes lilac, spur yellow with red dots above, translucent white beneath; listed portion petals lilac, throat deep yellow

Local Name(s): Wind-sesame; Bangzhima

Local Use(s): edible seeds

Number of Sheets: 14; seeds ____; other ____; photograph ____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other ____

1980 Sino-American Botanical Expedition

Name: Campanula

Family:

Locality (number, latitude & longitude, map reference):

same as #51

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00052

Date:

Occurrence: (C) O I R

Collector(s): Bartholomew, Boufford, Dudley, ~~Elias~~, Lowey, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Perennial herb to 1 m tall; calyx green, lobes tipped reddish; corolla deep blue; style white & dilated towards stigma; rootstalk fleshy, swollen

Local Name(s): Sharsen

Local Use(s):

Number of Sheets: 1/1; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Anemone hupehensis

Family:

Locality (number, latitude & longitude, map reference): same as #51

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00053

Date: 25 Aug 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, ~~Elias~~ Luteyn, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Perennial herb from long tap-root; plants 0.75 m; sepals streaked pink-magenta; petals pale pink-magenta

Local Name(s): Yiemianhua "wild cotton"

Local Use(s): cure insect bites

Number of Sheets: 15; seeds _____; other _____; photograph _____

Disposition of Sheets: 8 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Cirsium [redacted]

Family:

Locality (number, latitude & longitude, map reference): Sama #51

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00054

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, ~~Elias~~ Luteyn, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Biennial, tap-rooted herb, 0.8-2 m tall; corolla pale yellowish-green

Local Name(s):

Local Use(s):

Number of Sheets: 18; seeds _____; other _____; photograph _____

Disposition of Sheets: 9 PRC 9 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Impatiens

Family:

Locality (number, latitude & longitude, map reference): same as #51

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00055

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, ~~Elias~~ Lutegn, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Succulent, perennial herb; sepals and petals dark yellow, with reddish venation

Local Name(s): ~~[illegible]~~ same as #51

Local Use(s):

Number of Sheets: 8; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Lespedeza discolor

Family:

Locality (number, latitude & longitude, map reference): same 51

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 80356

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, ~~Elias~~ Ludlow, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Spreading shrub, 1-2 m, festooning over slopes; stem red; calyx green heavily suffused with magenta; banner & wing petals dark purplish-magenta, spur paler purple

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Cimicifuga

Family:

Locality (number, latitude & longitude, map reference):

Same as #51

Site # 1, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00057

Date: 25 Aug. 1950

Occurrence: (C) O I R

Collector(s): Bartholomew, Lafeyn Boufford, Dudley, ~~Elias~~, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

~~rhizomatous~~, herb, 2 m. tall, perianth white, thick tap-root

Local Name(s):

Local Use(s): medicinal use

Number of Sheets: 11; seeds ____; other ____; photograph ____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other ____

1980 Sino-American Botanical Expedition

Name: Impatiens

Family:

Locality (number, latitude & longitude, map reference):

Same as #51

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00058

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Luteyn Luteyn, Boufford, Dudley, ~~Elias~~, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

succulent annual, viens and petals and stems light pink, flower lavander, honey guides spots orange spurs curve up

Local Name(s): Same as 51

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Artemisia

Family:

Locality (number, latitude & longitude, map reference): same as #51

Site # 1, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00059

Date: 25 Aug. 1980

Occurrence: (C) O I R

Collector(s): Bartholomew, Boufford, Dudley, ~~Elias~~, Lutey, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): herb, 1 m. tall, flower yellowish

Local Name(s):

Local Use(s):

Number of Sheets: 16 ; seeds ; other ; photograph

Disposition of Sheets: 8 PRC 8 USA: A CM NA NY UC Other

1980 Sino-American Botanical Expedition

Name: Adenophora

Family:

Locality (number, latitude & longitude, map reference): samas #51

Site # 1, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00060

Date:

Occurrence: C O (I) R

Collector(s): Bartholomew, Ludlow Ludlow Boufford, Dudley, ~~Elias~~, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): perennial herb 0.5 m. tall. fls. light blue thick root, swollen,

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds ____; other ____; photograph ____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other ____

1980 Sino-American Botanical Expedition

Name: Lepisorus

Family:

Locality (number, latitude & longitude, map reference):

same as #61

Site # 1, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00061

Date:

Occurrence: (C) O I R

Collector(s): Bartholomew, Boufford, Dudley, ~~Elias~~, Lutey, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

evergreen, growing in moss on rock-face

Local Name(s):

Local Use(s):

Number of Sheets: 16; seeds ; other ; photograph

Disposition of Sheets: 8 PRC 8 USA: A CM NA NY UC Other

1980 Sino-American Botanical Expedition

Name: _____

Family: Cucurbitaceae

Locality (number, latitude & longitude, map reference): _____

Site # 1, & Ecological Notes (elevation, aspect, soil, exposure, associates): _____

Number: 00062

Date: _____

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, ~~Elias~~, Luteyn, Spongberg, & _____

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

unmatured seed light-yellow, pulp white

vine

Local Name(s): _____ (only 4 with fruit)

Local Use(s): _____

Number of Sheets: 12 ↑; seeds _____; other _____; photograph _____

Disposition of Sheets: 2+4 PRC 2+4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Hemerocallis

Family:

Locality (number, latitude & longitude, map reference):

same as #51

Site # 1, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00063

Date:

Occurrence: (C) O I R

Collector(s): Bartholomew, Lucteyn Lutey Boufford, Dudley, ~~Elias~~, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

herb, 0.8 m., fleshy root yellowish orange.

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds ____; other ____; photograph ____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other ____

1980 Sino-American Botanical Expedition

Name: Dipsacus

Family:

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00064

Date:

Occurrence: (C) O I R

Collector(s): Bartholomew, Boufford, Dudley, ~~Elias~~ Luteyn, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

lower leaves 5 lobed — growing into 3 — entired,
flowers pale lavender-pink, 1-2 M tall,
multiple stem at base erect, stigma black.

Local Name(s):

Local Use(s):

Number of Sheets: 15; seeds _____; other _____; photograph _____

Disposition of Sheets: 8 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Geranium

Family:

Locality (number, latitude & longitude, map reference):

same as #51

Site # 1, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00065

Date: 25 Aug. 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, ~~Elias~~ Lategan, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

scrambling herb; sepals green at base, red at tips; petals purplish

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds ____; other ____; photograph ____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other ____

1980 Sino-American Botanical Expedition

Name: Leontopodium

Family:

Locality (number, latitude & longitude, map reference):

Jiuzhaigou

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): base of the cliff, crevices of rocks,

Number: 00066

Date: 28 Aug 1980

Occurrence: (C) O I R

Collector(s): Bartholomew, Boufford, Dudley, Lutyen ~~Elias~~, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): bracts gray, flowers white,

Local Name(s):

Local Use(s):

Number of Sheets: 15 ; seeds _____ ; other _____ ; photograph _____

Disposition of Sheets: 7 PRC 8 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Quercus

Family:

Locality (number, latitude & longitude, map reference):

same #51

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00067

Date:

Occurrence: C O I (R)

Collector(s): Bartholomew, Boufford, Dudley, ~~Elias~~, Lattegm Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Tree 3 m tall; bark gray; cupule green; acorn green

Local Name(s):

Local Use(s):

Number of Sheets: @15; seeds _____; other _____; photograph _____

Disposition of Sheets: 8 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Incarvillea pseudopurpurantha Tang.

Family:

Locality (number, latitude & longitude, map reference):

Juma Co 51

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Occ. of loose soil

Number: 00068

Date: 25 Aug 80

Occurrence: C O (R)

Collector(s): Bartholomew, Bousford, Dudley, ~~Elias~~, Tsiang, Spongberg, & C

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

diffuse branched 0.5-1 m. fruits all on bottom side

first pale lavender pink det. Prof. Tang

Local Name(s):

Local Use(s):

Seed divided 9/5

Number of Sheets: 15; seeds 1; other _____; photograph _____

Disposition of Sheets: 7 PRC 8 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Aconitum

Family:

Locality (number, latitude & longitude, map reference):

Hsi 251

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Bearded Hsi 251 Scrubby thicket lower slopes

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Vine, fls. purple fading at maturity

Number: 00069

Date: 25 Aug

Occurrence: C O I R sterile

Collector(s): Bartholomew, Boufford, Dudley, ~~Erias~~, Kyn Spongberg, & Yang B

Local Name(s):

Local Use(s):

Number of Sheets: 9; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Castanea

Family:

Locality (number, latitude & longitude, map reference):

Alt ca 5[illegible]

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

ridge / stream bed - on bank above in "pasture"

Number: 00070

Date: 25 Aug 1980

Occurrence: C O I (R) locally

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & [illegible]

Group B

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

3-4 m tree, single trunk ~16 cm. diam.
bark gray, columnar crown.

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Silene

Family:

Locality (number, latitude & longitude, map reference):

Same as 51

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

scandent sprawling herb in understory

Number: 00071

Date:

Occurrence: C O I R locality

Collector(s): Bartholomew, Bousfield, Dudley, Elias, Spongberg, & 2 Group B.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

scandent herb; stems dark green; flowers white; calyx red-purple & rubbed.

Local Name(s):

Local Use(s):

Number of Sheets: 8; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Dasiphora fargesii

Family: Jardyboltaceae

Number: 00072

Date:

Locality (number, latitude & longitude, map reference):

Dame 51

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

on bank of ravine

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

several (3) trunked small tree c. 2 m tall.
bark gray, upper gray, faint green-glaucous on 3's

Local Name(s):

Local Use(s):

Number of Sheets: 6; seeds _____; other _____; photograph _____

Disposition of Sheets: 3 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Viburnum (aff. plicatum?) hupehense.

Family:

Locality (number, latitude & longitude, map reference):

near 57

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

on clay along stream bed & on bank to stream bed

Number: 00073

Date: 25 Aug. 1980

Occurrence: (C) O I R locally

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & 4

Group B

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

shrub small tree 1-2 m. bark brownish-red fruit green to shiny glossy red. Leaves dark green above. Leaf Collection from 2 different plants

Local Name(s):

Local Use(s):

seed divided 9/5

Number of Sheets: ~~15~~ 18; seeds ✓; other _____; photograph _____

Disposition of Sheets: 9 PRC 9 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Actinidia ? polygama

Family:

Locality (number, latitude & longitude, map reference):

same as 51

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

same as 51

Number: 00074

Date: 25 Aug 1980

Occurrence: C (O) I R

Collector(s): Bartholomew, Boufford, Dudley, ~~Elias~~, Lu Yan Spongberg, & Chang Yo

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

liane - scandent - in fruit. petals 4 stems reddish.

Local Name(s):

Local Use(s):

Number of Sheets: 10 ; seeds _____ ; other _____ ; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Astilbe

Family:

Number: 00075

Date: 25 Aug 1981

Occurrence: C O I R scarce

Locality (number, latitude & longitude, map reference): Jiuzhaigou

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Zhu

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Jiuzhaigou

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Erect perennial. 15 cm - 1 m. Lavender-purple flowers

Local Name(s):

Local Use(s):

Number of Sheets: 6; seeds _____; other _____; photograph _____

Disposition of Sheets: 3 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Abelia

Family:

Locality (number, latitude & longitude, map reference):

June 051

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

June 051.

in Roam Roam Loam

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Shrub. Spreading rounded. 1 m.
Lvs very dark green
Fr finite. ↑ with light brown

Local Name(s):

Local Use(s):

Number of Sheets: 18; seeds _____; other _____; photograph _____

Disposition of Sheets: 9 PRC 9 USA: A CM NA NY UC Other _____

Number: 00076

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

1980 Sino-American Botanical Expedition

Name: Impatiens

Family:

Locality (number, latitude & longitude, map reference):

Same as 51

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

1 deep shade, moist

Number: 00077

Date: 25 July 1980

Occurrence: O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Fukuoka, Spongberg, & Yang Y.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

succulent herb 1 decimeter. Leaves very light yellow green. Flowers pink violet. Spur 1½ length of corolla-4 not as curved as collection.

Local Name(s):

Local Use(s):

base / corolla white

Number of Sheets: 11 ; seeds _____ ; other _____ ; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: fedtschenkoana

Family:

Number: 00078

Date: 25 July 1980

Locality (number, latitude & longitude, map reference):

Alt. ca. 5100 m

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Wu

4

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Common on limestone

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Tall acaulescent stemless herb. c. 0.5 m. Fls. pink-violet. Perennial.

Local Name(s):

Local Use(s):

Number of Sheets: 10 ; seeds _____ ; other _____ ; photograph _____

Disposition of Sheets: ~~5~~ PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Rodgersia

Family: Saxifragaceae

Locality (number, latitude & longitude, map reference):

Along as 51

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

deep shade

Number: 00079

Date: 25 Aug 1981

Occurrence: (C) O I R locally

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Wang B

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

saxatile in cliff bunks, stems basal. Sheets I & II petals 0.5 mm long. very leafy rhizome

Local Name(s):

Local Use(s):

Number of Sheets: 2; seeds _____; other rhizomes to USA 8/29; photograph _____

Disposition of Sheets: 1 PRC _____ 1 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Dipteron Tricostatum

Family:

Locality (number, latitude & longitude, map reference):

Tibet as f 1

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Forest 51 m deep shade.

Number: 00080

Date: 25 July 1981

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

0.5 - 1 m tall - Secund inflor. Lvs glossy above & below Root | Stem = root stock purple.

Local Name(s):

Local Use(s): rhizomatous perennial

Number of Sheets: 3; seeds _____; other _____; photograph _____

Disposition of Sheets: 1 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Patrinia

Family: Valerianaceae.

Locality (number, latitude & longitude, map reference):

acne 0551

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

In sunny sites usually

acne 51

Number: 00081

Date: 25 Aug.

Occurrence: C O I R Cadby

Collector(s): Bartholomew, Bouffford, Dudley, ~~Elias~~, Lathy, Spongberg, & Yang B.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Perennial pls. bright yellow

Local Name(s):

Local Use(s):

Number of Sheets: 4; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Viburnum rhytidophyllum

Family:

Locality (number, latitude & longitude, map reference):

Jan 0551

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Jan 0551 - in sun

Number: 00082

Date: 25 Aug 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Spongberg

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Multiple stems 3 m. tall. Young dark yellow-brown, pubescent with stellate hairs; leaves glabrous above

2 Vouchers Vegetative only

Local Name(s):

Local Use(s):

Number of Sheets: 2; seeds _____; other _____; photograph _____

Disposition of Sheets: 1 PRC _____ 1 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Viburnum sargentii

Family:

Locality (number, latitude & longitude, map reference):

Jilin 51

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Jilin 51. In fullsun

Number: 00083

Date: 25 Sep 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, ~~Elias~~, Spongberg, &

F
Sep B

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Multistemmed shrub 1–3 m. Needle: Cv dark green above, yellowish green below; bark brownish-red.

Local Name(s): Viburnum sargentii

Local Use(s):

Number of Sheets: 2; seeds _____; other _____; photograph _____

Disposition of Sheets: 1 PRC _____ 1 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: St. lophanthus

Family: Lophanthus

Number: 00084

Date:

Locality (number, latitude & longitude, map reference): S.A. 51

Occurrence: C O I (R)

Collector(s): Bartholomew, (Boufford, Dudley, Elias,) Spongberg, & Group B

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Sep. yellow; Corolla yellow, glabrous. Leaves whitened beneath

Local Name(s):

Local Use(s):

Number of Sheets: 2; seeds _____; other _____; photograph _____

Disposition of Sheets: 1 PRC _____ 1 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Epilobium

Family: Onagraceae

Locality (number, latitude & longitude, map reference): Sk. 51

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00085

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Group B

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Flowers pink, streamlined margins.

Local Name(s):

Local Use(s):

divided 9/4/80 (DB from US packet)

Number of Sheets: 9; seeds ✓; other _____; photograph _____

Disposition of Sheets: 5 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Schisandra

Family: Schisandraceae

Locality (number, latitude & longitude, map reference): S.A. 51

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00086

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Group B

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Woody climbing vine, upper surface of leaves slightly glossy
fruit immature, green. Growing from crevice in cliff face.

Local Name(s):

Local Use(s):

Number of Sheets: 1; seeds _____; other _____; photograph _____

Disposition of Sheets: _____PRC _____USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Primula

Family: Primulaceae

Number: 00087

Date:

Locality (number, latitude & longitude, map reference): Same as 51

Occurrence: C O I (R)

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Group B.

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Underside faces of leaves whitened, upper surfaces green

Local Name(s):

Local Use(s):

Number of Sheets: 1; seeds _____; other _____; photograph _____

Disposition of Sheets: _____PRC _____USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Elaeagnus pungens Thunb. - det
Family: Elaeagnaceae

Locality (number, latitude & longitude, map reference): along Lanzhe road above W. facing Canyon W. / Base camp across the East branch of river Shennongxi.

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 5870 ft.

Number: 00095
Date: 25 Aug 1980
Occurrence: C O I R
Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Jin Tang-an Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): tall evergreen shrub, ~ 4 m. reform - silvery below / dark green above / fl. creamy white & reform - reddish / ornamental. 20 / 1 rabbit

Local Name(s):

Local Use(s):

Number of Sheets: 11 ; seeds _____ ; other _____ ; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Cotoneaster · zabelii (or multiflora

Family:

Locality (number, latitude & longitude, map reference):

Jiaozuo 95

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in dense shrubbery

Undergrowth

Number: 00096

Date: 25 May 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & D. Tang & Wen.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): arcuate shrub 6 ft tall, fruit ripened then Turning black dk dark green leaf cranberry

Local Name(s): Shan hong zi Pa Ba Zi bark grayish Thorn

Local Use(s):

Number of Sheets: 7; seeds _____; other _____; photograph _____

Disposition of Sheets: 3 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Codonopsis

Family:

Locality (number, latitude & longitude, map reference):

Linxia 95

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

dense understory - clay soil

Number: 00097

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hu / Zang et wong

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

vine with deep Nicotiana root: in fruit. flesh purple at apex. fruit edible. delicious. Root medicinal use- fresh with fruit. Flowers greenish-brown inside purple outside

Local Name(s):

Local Use(s): root is very pungent

Number of Sheets: 7; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Viburnum betulifolium

Family:

Locality (number, latitude & longitude, map reference):

Dapa 45

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): one / Recommended

shrubs

Number: 00098

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Dr. Tang & Wu

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

multiple stemmed shrub 1.5 - 3 m. - Branches stems & small twigs purplish, lenticels prominent

Local Name(s):

Local Use(s):

Number of Sheets: 9; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Corydalis

Family:

Locality (number, latitude & longitude, map reference):

Adonas 95

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): dense perennial annual understory

Number: 00099

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Dr.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

erect herb annual or perenn. — Herm. yel. Corydalis sp.

Local Name(s):

Local Use(s):

Number of Sheets: 1; seeds _____; other _____; photograph _____

Disposition of Sheets: _____ PRC _____ USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Colonsaster.

Family:

Locality (number, latitude & longitude, map reference):

Damage 95

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): following ridge cliff top

Number: 00100

Date:

Occurrence: C O (I) R locally.

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & H. Yang

also.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Fantastic plant sprays dark green glossy lvs. ; branches stiffly tomentose ; dark gray bark. ; fruits ripening red.

Local Name(s):

Local Use(s):

Number of Sheets: 20 ; seeds ✓ ; other _____ ; photograph _____

seed divided 9/5

Disposition of Sheets: 10 PRC 10 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

#

00101 - 00150

Name: Schisandra

Family:

Locality (number, latitude & longitude, map reference):

Jiuhu ping
east side of the Jiuhuping river,

Site # 3, & Ecological Notes (elevation, aspect, soil, exposure, associates): 1640 m.
steep slop, (west slop), rocky loam soil,

Number: 00101

Date: 25 Aug. 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Jin, Chang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):
vine, immatured fruit pale green,

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds ____; other ____; photograph ____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other ____

1980 Sino-American Botanical Expedition

Name: Sorbus hupehensis

Family:

Locality (number, latitude & longitude, map reference):

same as #101

Site # 3, & Ecological Notes (elevation, aspect, soil, exposure, associates):

same as #101

Number: 00102

Date: 25 Aug 1980

Occurrence: (C) O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Jin, Chang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

small tree, 4 m. tall, single trunk, d.b.h. — 15 cm., fruit white

Local Name(s):

Local Use(s):

Number of Sheets: 13; seeds √ (seeds divided); other ; photograph

Disposition of Sheets: 7 PRC 6 USA: A CM NA NY UC Other

1980 Sino-American Botanical Expedition

Name: *Rhus verniciflua*

Family:

Locality (number, latitude & longitude, map reference): same as #101

Site # 3, & Ecological Notes (elevation, aspect, soil, exposure, associates): same as #101

Number: 00103

Date: 25 Aug. 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Jin, Chang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): tree, 2M tall, d.b.h — 4cm, immature fruit green,

Local Name(s):

Local Use(s):

Number of Sheets: 9; seeds ; other ; photograph

Disposition of Sheets: 4 PRC 5 USA: A CM NA NY UC Other

1980 Sino-American Botanical Expedition

Name: *Cephalotaxus fortunei*

Family:

Locality (number, latitude & longitude, map reference):

Same as #101

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Same as #101

Number: 00104

Date: *25 Aug. 1980*

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & *Jin, Chang*

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

small tree, 2.5m tall, immature fruit green,

Local Name(s):

Local Use(s): *seeds dried*

Number of Sheets: *16*; seeds ✓; other _____; photograph _____

Disposition of Sheets: *8* PRC _____ *8* USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: *Euptelea pleiosperma*

Family:

Locality (number, latitude & longitude, map reference): same as #101

Site # 3, & Ecological Notes (elevation, aspect, soil, exposure, associates): same as #101

Number: 00105

Date: 28 Aug. 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Jin, Chang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): small tree, 4.5 m tall, d.b.h. - 6 cm, immature fruit green with white - pale yellowish wing

Local Name(s):

Local Use(s):

Number of Sheets: 15; seeds ____; other ____; photograph ____

Disposition of Sheets: 8 PRC 7 USA: A CM NA NY UC Other ____

1980 Sino-American Botanical Expedition

Name: *Malus hupehensis*

Family:

Locality (number, latitude & longitude, map reference):

Jiu-hu-ping

Site # 2, & Ecological Notes (elevation, aspect, soil, exposure, associates): *1640 m.*

river side, rocky light clay,

Number: 00106

Date: *28 Aug. 1980*

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & *Jin, Chang*

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

tree, 4.5 m. tall, mature fruit purple-black,

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds ____; other ____; photograph ____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other ____

1980 Sino-American Botanical Expedition

Name: Sedum sarmentosum

Family:

Locality (number, latitude & longitude, map reference):

same as #101

Site # 3, & Ecological Notes (elevation, aspect, soil, exposure, associates):

same as #101

on rock face, river side,

Number: 00107

Date: 25 Aug. 1980

Occurrence: C (O) I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Jin, Chang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

herb, perennial, 20–35 cm tall,

purplish fruit

Local Name(s):

Local Use(s):

Number of Sheets: 13; seeds ____; other ____; photograph ____

Disposition of Sheets: 7 PRC 6 USA: A CM NA NY UC Other ____

1980 Sino-American Botanical Expedition

Name: Hypericum ascyron

Family:

Locality (number, latitude & longitude, map reference):

same as #101

Site # 3, & Ecological Notes (elevation, aspect, soil, exposure, associates):

same as #101

Number: 00108

Date: 25 Aug, 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tin, Chang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

annual herb, 30-50 cm tall, flowers yellow, calyx green,

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds ____; other ____; photograph ____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other ____

1980 Sino-American Botanical Expedition

Name: Acanthopanax trifoliata

Family: Araliaceae

Locality (number, latitude & longitude, map reference): same as #101

Site # 3, & Ecological Notes (elevation, aspect, soil, exposure, associates): same as #101

Number: 00109

Date: 28 Aug, 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Jin, Chang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): small ~~tree~~ shrub, immature fruit green or brown

Local Name(s):

Local Use(s):

Number of Sheets: 18; seeds ____; other ____; photograph ____

Disposition of Sheets: 9 PRC 9 USA: A CM NA NY UC Other ____

1980 Sino-American Botanical Expedition

Name: Acer

Family:

Locality (number, latitude & longitude, map reference):

Chunfengya zhi

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 2750 m., steep slopes, north-west slopes, rocky brown soil,

Number: 00110

Date: 26 Aug. 1950

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, ~~Dudley~~, Elias, Spongberg, & Ho, Jin, Zheng Li, Chang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

tree, 7-8 M. tall, d.b.h about 25 cm. immature fruit with red wing, petiole red,

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: ~~Gentian~~ Bupleurum chinense

Family:

Locality (number, latitude & longitude, map reference):

same as #110

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

same as #110

~~perennial herb, height 30-40cm~~,

Number: 00111

Date: 26 Aug 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, ~~Dudley~~, Elias, Spongberg, & Chang, Li, Jin, He, Zheng, Chang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

perennial herb, height 30-40cm, bracts yellow,

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Ribes

Family:

Locality (number, latitude & longitude, map reference):

same as #110

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

same as #110

Number: 00112

Date: 26 Aug 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Jin, Zheng, Lu, Chang,

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

tree; 3-4 M. height; mature fruit black, brightly; basal part of petiole red; young branch light brown; old branch dark gray

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Microtoena

Family:

Locality (number, latitude & longitude, map reference):

same as #110

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

same as #110

Number: 00113

Date: 26 Aug. 1980

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, ~~Dudley~~, Elias, Spongberg, & Jin, Zheng, Li, Ho, Chang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

perennial herb, height 30-40 cm.,

Local Name(s):

Local Use(s):

Number of Sheets: 6; seeds _____; other _____; photograph _____

Disposition of Sheets: 3 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Rubus

Family:

Locality (number, latitude & longitude, map reference): same as #110

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): same as #110

Number: 00114

Date: 26 Aug, 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, ~~Dudley~~, Elias, Spongberg, & Ho, Li, Zheng, Jin, Chang,

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): shrub, height 1.5 - 2 m., fruit red, fruit diameter 1 — 1.5 cm, one-year-old branch gray, old branch bark brown-red, lower side of leaf pale green

Local Name(s):

Local Use(s): 12 seeds divided

Number of Sheets: 7~~4~~; seeds √; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Acanthopanax

Family:

Locality (number, latitude & longitude, map reference):

same as #110

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

same as #110

Number: 00115

Date: 26 Aug 1950

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Chang, Jin, Ho, Li, Zheng.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

shrub, height 2M, immature fruit purplish black

Local Name(s):

Local Use(s):

Number of Sheets: 6; seeds _____; other _____; photograph _____

Disposition of Sheets: 3 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Ligusticum

Family:

Locality (number, latitude & longitude, map reference):

same as #110

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

same as #110

road side,

Number: 00116

Date: 26 Aug. 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, ~~Dudley~~, Elias, Spongberg, & Chang, He, Jin, Li, Zheng

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

herb, 1-2 m. high, flowers white

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Poa

Family:

Locality (number, latitude & longitude, map reference): same as #110

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): same as #110 road side

Number: 00117

Date: 26 Aug 1980

Occurrence: (C) O I R

Collector(s): Bartholomew, Boufford, ~~Dudley~~ Elias, Spongberg, & Chang, Ho, Jin, Li, Zheng

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): grass, 80 cm. in height, blueish green stem,

Local Name(s):

Local Use(s):

Number of Sheets: 9; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Luzula

Family:

Locality (number, latitude & longitude, map reference): same as #110

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): same as #110

grows on the rocky face

Number: 00118

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Chang, Ho, Jin, Li, Zheng

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

grass, 5 - 15 cm height,

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Epilobium

Family:

Locality (number, latitude & longitude, map reference):

same as #110

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

same as #110

Number: 00119

Date: 26 Aug. 1980

Occurrence: C (O) I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Jin, Li, Zheng, Chang.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

herb, 50–80 cm height, stem (young) red,

Local Name(s):

Local Use(s):

Number of Sheets: 8; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Potentilla fruticosa

Family:

Locality (number, latitude & longitude, map reference): same as #110

Site #____, & Ecological Notes (elevation, aspect, soil, exposure, associates): same as #110

Number: 00120

Date: 26 Aug, 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Jin, Li, Zheng, Chang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): shrub, about 1.5 M in height, yellow flowers

Local Name(s):

Local Use(s):

Number of Sheets: 16; seeds ____; other ____; photograph ____

Disposition of Sheets: 8 PRC 8 USA: A CM NA NY UC Other ____

1980 Sino-American Botanical Expedition

Name: Saussurea

Family:

Locality (number, latitude & longitude, map reference):

same as #110

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

same as #110

Number: 00121

Date: 26 Aug 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Chang, Jin, Ho, Li, Sheng

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

herb, 50-80 cm. in height, yellow flowers,

Local Name(s):

Local Use(s):

Number of Sheets: 8 ; seeds _____ ; other _____ ; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Aster?

Family: Compositae

Locality (number, latitude & longitude, map reference):

same as #110

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

same as #110

Number: 00122

Date: 26 Aug. 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Chang Ho, Jin, Li, Zheng

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

herb, about 50 cm. in height, petals white,

Local Name(s):

Local Use(s):

Number of Sheets: 6; seeds _____; other _____; photograph _____

Disposition of Sheets: 3 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Rhododendron meiophyllum Fr.

Family: Ericaceae

Number: 00123

Date: 26 Aug. 1980

Locality (number, latitude & longitude, map reference):

same as #110

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, ~~Elias~~ Luteyn, Spongberg, & Chang, Ho, Jin, Li, Zheng.

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

same as #110
on the open slop

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

shrub, 3.5 m in height,

Local Name(s):

Local Use(s):

Number of Sheets: 13; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Rhododendron fargesii

Family: Ericaceae

Number: 00124

Date: 26 Aug, 1980

Locality (number, latitude & longitude, map reference):

Same as #110

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Cheng, Ho, Jin, Li, Yi Zheng

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Same as #110

on the open slope, in the thicket,

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

shrub, 3–3.5 m. in height, petiole red, fruit red.

Local Name(s):

Local Use(s):

Number of Sheets: 8 ; seeds _____ ; other _____ ; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Rosa omeiensis

Family: Rosaceae

Locality (number, latitude & longitude, map reference):

same as #110

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

same as #110

Number: 00125

Date: 26 Aug 1980

Occurrence: COLL R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Chang, Ho, Jin, Li, Zhang.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Shrub, 2.5-3 m. in height, fruit deep red,

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: ~~Picea~~ Picea wilsonii

Family: ~~Pinaceae~~

Number: 00126

Date: 27 Aug, 1980

Locality (number, latitude & longitude, map reference):

Taodonggou

Occurrence: ~~O~~ O (T) R

Collector(s): Bartholomew, Boufford, Dudley, ~~Elias~~ Liu Jun Ho Spongberg, & Jin, Li, Zheng

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 1950 m., narrow valley, on the steep slop, rocky loam soil

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

tree, 3M tall, d.b.h. about 7 cm,

Local Name(s):

Local Use(s):

Number of Sheets: 10; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Vitis

Family:

Locality (number, latitude & longitude, map reference): same as #126

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): same as #126

Number: 06127

Date: 27 Aug. 1980

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Jin, Li, Zheng

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): woody vine, vegetative organ only, haven't seen any diseases

Local Name(s): No Voucher/specimen

Local Use(s):

Number of Sheets: 0 ; seeds _____ ; other cuttings ; photograph _____

Disposition of Sheets: _____ PRC _____ USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Hydrangea

Family:

Number: 80128

Date: 27 Aug. 1980

Locality (number, latitude & longitude, map reference):

same as #126

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

same as #126

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

sterile flowers greenish; scandent shrub growing over other shrub

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Cotoneaster

Family:

Locality (number, latitude & longitude, map reference): Same as 627

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00129

Date: 3 Sept. 1980

Occurrence: C (O) I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Shrub 2 m; fruits turning from red to black

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds X; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Stachyurus

Family:

Locality (number, latitude & longitude, map reference):

as 627

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00130

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Shrub 2 m; fruits green turning reddish

Local Name(s):

Local Use(s):

Number of Sheets: 10; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Euonymus alatus

Family:

Locality (number, latitude & longitude, map reference):

ca 627

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00131

Date:

Occurrence: (C) O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Shrub 1.5 m - 4 m tall; capsules green

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Chrysanthemum indicum

Family:

Locality (number, latitude & longitude, map reference):

ao 527

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00132

Date:

Occurrence: (C) O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Flowers yellow

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Circaea glabrescens (Pamp.) Hand.-Mazz.

Family:

Locality (number, latitude & longitude, map reference): ca. 627

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00133

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Lepisorus thunbergianus

Family: fern

Locality (number, latitude & longitude, map reference): ao 627

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00134

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Neillia

Family:

Number: 00135

Date:

Locality (number, latitude & longitude, map reference): same as 527

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Shrub to 2m; capsules green

Local Name(s):

Local Use(s):

Number of Sheets: 10 ; seeds X ; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Delphinium

Family:

Locality (number, latitude & longitude, map reference):

za 627

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00136

Date:

Occurrence: (C) O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Calyx spur dark purple above, paler beneath; petals green

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Euonymus

Family:

Number: 00137

Date:

Locality (number, latitude & longitude, map reference):

as 627

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Capsule green

Local Name(s):

Local Use(s):

Number of Sheets: 6 ; seeds _____; other _____; photograph _____

Disposition of Sheets: 3 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: _____

Family: Umbelliferae

Locality (number, latitude & longitude, map reference): ad 627

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Common in disturbed areas along trail

Number: 00138

Date: _____

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & _____

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Petals white

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Prunus

Family:

Locality (number, latitude & longitude, map reference):

ao 627

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00139

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Immature fruits green; cultivated?

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds X; other _____; photograph _____

Disposition of Sheets: 1 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: _____

Family: Umbelliferae

Locality (number, latitude & longitude, map reference): ao 627

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): _____

Number: 00140

Date: _____

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & _____

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Pet.s white

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 1; seeds _____; other _____; photograph _____

Disposition of Sheets: _____PRC _____USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Equisetum hymale L.

Family:

Locality (number, latitude & longitude, map reference): as 627

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Common in seepage areas

Number: 00141

Date:

Occurrence: (C) O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: _____

Family: Labiatae

Locality (number, latitude & longitude, map reference): _____

ao 627

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): _____

Number: 00142

Date: _____

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & _____

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Corolla tube pale whitish-blue; lobes darker blue or lavender

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: _____

Family: Gentianaceae

Locality (number, latitude & longitude, map reference): as 627

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): _____

Number: 30143

Date: _____

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & _____

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Vine (herbaceous); corolla bluish-lavender alternating with greenish-lavender outside.

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 6; seeds _____; other _____; photograph _____

Disposition of Sheets: 3 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Dianthus

Family:

Locality (number, latitude & longitude, map reference):

ca 627

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00144

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Petals pinkish-lavender

Local Name(s):

Local Use(s):

Number of Sheets: 1; seeds _____; other _____; photograph _____

Disposition of Sheets: _____PRC _____USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Eleagnus

Family:

Locality (number, latitude & longitude, map reference): aa 627

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00145

Date:

Occurrence: (C) O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Shrub to 4m; calyx greenish-white

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: _____

Family: Umbelliferae

Locality (number, latitude & longitude, map reference): as 627

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): _____

Number: 00146

Date: _____

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & _____

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Petals white

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Rosa

Family:

Locality (number, latitude & longitude, map reference):

as 607

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00147

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Hips orangish-red

Local Name(s):

Local Use(s):

Number of Sheets: 10; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Thalictrum

Family:

Locality (number, latitude & longitude, map reference):

as 627

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00148

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Philadelphus - Deutzia

Family: _____

Locality (number, latitude & longitude, map reference): _____

as 627

_____

_____

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): _____

_____

_____

_____

Number: 00143

Date: _____

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & _____

_____

_____

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Shrub 2.5 m; capsules (immature) glab

_____

_____

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 6 ; seeds _____ ; other _____ ; photograph _____

Disposition of Sheets: 3 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Acer rufinerve

Family:

Locality (number, latitude & longitude, map reference): ao 627

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): on the side of stream, in the thicket.

Number: 00150

Date:

Occurrence: C O I (R)

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): tree, 3-4 m. tall, petals reddish.

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

00151 - 00200

Name: Impatiens

Family:

Locality (number, latitude & longitude, map reference):

Jiangxi 95

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

deep shaded understory Jiangxi 95

Number: 00151

Date: Aug 25, 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Dr. Jang & Wan.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

herb to 1m erect, perenn.; stems underground white, roots orange-pink. - leaves glossy light green.

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds ✓; other _____; photograph _____ seed divided 9/5/80

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: V. bungeana rhytidocaly Chen

Family:

Locality (number, latitude & longitude, map reference):

Dongcao 95

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in open valleys on ledges & (often gravelly banks)

Number: 00152

Date: aug 25, 1980

Occurrence: C (6) I R

Collector(s): ~~Bartholomew~~, Boufford, Dudley, Elias, Spongberg, & ~~& Ivan~~ Dr. Tang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

multistemmed shrub 15 ft thick, spreading 10-15 ft.

bright red fruit glossy; in glossy green shade - ripens early Sept

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds ✓ seed divided 9/5; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Cephalaria

Family: Caprifoliaceae

Locality (number, latitude & longitude, map reference): Nanwan 95

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Open grassy site. Nanwan 95.

Number: 00153

Date: 25 Aug 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Dr. Tang E Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Perennial herb 0.5-1 m. Flowers pale lavender. Calyx tubular elongated conical - purplish Brown petals unequal 2 lobed

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 10; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Aconitum ?

Family:

Locality (number, latitude & longitude, map reference):

Chin Feng-Ya

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ~~3000 m~~ ~~2750 m~~

Scrub woodland & disturbed meadow with mesophytic flora:

3000 m

Number: 00154

Date: 26 Aug. 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang, Wan Ma

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

root bulbus, vine, stem ... Flower ...

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other tubers - sent/divided 8/29; photograph ✓

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Rubus

Family:

Locality (number, latitude & longitude, map reference): no 154 but at 9400 ft

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): but at 9400 ft.

Number: 00155

Date:

Occurrence: C (O) I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang Wang Wei

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): orang-red fruit; edible & sweet

Local Name(s):

Local Use(s): seeds divided 9/6

Number of Sheets: 11; seeds ✓; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Gentian

Family:

Locality (number, latitude & longitude, map reference): same as 155

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): same as 155

Number: 00156

Date:

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang Wan, Hsia

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

(missing - probably combined with another #)

Local Name(s):

Local Use(s):

Number of Sheets: _____; seeds _____; other _____; photograph _____

Disposition of Sheets: _____PRC _____USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Lonicera

Family:

Locality (number, latitude & longitude, map reference): as 154

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): a

Number: 00157

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): l. f. — multiple stemmed shrub; fruit black, glossy; Leaf undersurface glaucus

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds [illegible]; other _____; seed divided 9/5/80; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Ribes

Family:

Locality (number, latitude & longitude, map reference): same as

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00158

Date:

Occurrence: C (O) I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang, Wan, Ma

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Fruit purplish-black; shrub to 1 m; fruit pendulous; bark reddish-brown

Local Name(s):

Local Use(s): seeds divided 9/6/80

Number of Sheets: 11; seeds ✓; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Thalictrum

Family:

Locality (number, latitude & longitude, map reference): same as 154

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): height to 1 m; stem reddish; below ground bright yellow; root fleshy

Number: 00159

Date:

Occurrence: C (O) I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang, Wan, Pu

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 16; seeds _____; other _____; photograph _____

Disposition of Sheets: 8 PRC 8 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Acanthopanax

Family:

Locality (number, latitude & longitude, map reference): same as 154

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): as 154

Number: 00160

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang, Wan, Ma

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): height ca 1 m; spines redish; fruit beginning to turn purple; irregular branched; young growth thorns redish-purple

Local Name(s):

Local Use(s):

Number of Sheets: 10; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Acer

Family:

Locality (number, latitude & longitude, map reference): same as 154

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): same as 154

Number: 00161

Date:

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang Wan + Guan 1st

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Small multiple trunked tree; bright red petioles + buds; samaras pink

Local Name(s):

Local Use(s): seeds divided & shipped 8/29

Number of Sheets: 12; seeds ✓; other _____; photograph ____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Saussurea

Family: Compositae

Locality (number, latitude & longitude, map reference): same as 154

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Same as 154

Number: 00162

Date: _____

Occurrence: C (O) I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Guan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): height 20-30 cm; bracts purple, green at base, heads purple, stems green

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Pedicularis

Family:

Locality (number, latitude & longitude, map reference):

Same as 154

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00163

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang, Wan, Ma

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

0.5 - 1 m; fruit maturing purple, perennial

(missing - probably corolla)

Local Name(s):

Local Use(s):

Number of Sheets: _____; seeds _____; other _____; photograph _____

Disposition of Sheets: _____PRC _____USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Fragaria

Family:

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Some at 154

Number: 00164

Date:

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang, Wan 194

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): about mod in partial shade

Local Name(s):

Local Use(s): seeds divided 9/6

Number of Sheets: 11; seeds ✓; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: _____

Family: Umbelliferae

Locality (number, latitude & longitude, map reference): same as 154

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Same as 154

Number: 00165

Date: _____

Occurrence: C O I (R)

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & _____

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): (missing - probably contained)

Local Name(s): _____

Local Use(s): _____

Number of Sheets: _____; seeds _____; other _____; photograph _____

Disposition of Sheets: _____PRC _____USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Hemiphragma

Family: Scrophulariaceae

Locality (number, latitude & longitude, map reference): ca 154, [illegible]

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 3010 m

Number: 00166

Date: _____

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang, Wang, Sun, Ma

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): prostrate above road cut, fruit red

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: R. bee

Family:

Locality (number, latitude & longitude, map reference): same as 154

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 3010 m

Number: 00167

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang Wan, Sun, Ma

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Few fruited erect inflorescence; Multiple stemmed 1m high; spreading; Bark dark red-ish grey; Fruit pedicel black, smaller than #158

Local Name(s):

Local Use(s): divided 9/6 OK bark, red-ish

Number of Sheets: 11; seeds ✓; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Allium

Family:

Locality (number, latitude & longitude, map reference):

#1541

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 10200 ft.,

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Flowers

Local Name(s):

Local Use(s):

Number of Sheets: _____; seeds _____; other _____; photograph _____

Disposition of Sheets: _____PRC _____USA: A CM NA NY UC Other _____

this # not used

Number: 00168

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang, Wan Chang, Ma

1980 Sino-American Botanical Expedition

Name: Pedicularis

Family:

Locality (number, latitude & longitude, map reference): Zhuwo ca 154 ca3910 m

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00169

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & [illegible], Mu

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Standards of flower white, lower lobe purple, upper purple

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: F PRC F USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Gentiana

Family:

Locality (number, latitude & longitude, map reference):

ca 3010 m

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 08170

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Guan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

white inside tube, foliage + stems yellowish green

Local Name(s):

Local Use(s):

Number of Sheets: 11 ; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Allium

Family:

Number: 00171

Date:

Locality (number, latitude & longitude, map reference):

~ Same as 158

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang

Wan, Ma

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 10210 ft.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Flowers dark blue; roots fleshy, purple

Local Name(s):

Local Use(s):

Number of Sheets: 10; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: _____

Family: Saxifragaceae

Locality (number, latitude & longitude, map reference): _____

Dunes on 154

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 14,700 ft.

Number: 00172

Date: _____

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang, Wan Mo, He Wei-gen

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

yellow

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 6; seeds _____; other _____; photograph _____

Disposition of Sheets: 3 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Sedum Radula

Family:

Locality (number, latitude & longitude, map reference): same as 154

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Disturbed meadow with Sinarundaria

Number: 00173

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ma, T. He Wen-gan, Tang, Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 10; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Gentiana

Family:

Locality (number, latitude & longitude, map reference):

same as 154

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 10,210 ft.

Number: 00174

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Ellis, Spongberg, & Wan, He Wen-gen

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

flowers blue corolla plunge reddish

Local Name(s):

Local Use(s):

Number of Sheets: 8; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Trigo[illegible]

Family:

Locality (number, latitude & longitude, map reference): sand ca 15 [illegible]

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 10,2[illegible]

Number: 00175

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & ca 15 [illegible]

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Flowers [illegible] white; lobes reddish; Fruit [illegible]

Local Name(s):

Local Use(s):

Number of Sheets: 13 2; seeds ✓; other _____; photograph _____

Disposition of Sheets: 7 PRC 6 USA: A CM NA NY UC Other _____

divided 9/6

1980 Sino-American Botanical Expedition

Name: Corydalis

Family:

Locality (number, latitude & longitude, map reference):

Same as 154

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 10210 ft.

Number: 00176

Date:

Occurrence: C ~~O~~ I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & as 172

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Flowers initially lavender but fade to white

Local Name(s):

Local Use(s):

Divided 9/c

Number of Sheets: 11; seeds ✓; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Scrophularia

Family:

Locality (number, latitude & longitude, map reference): zone 2a 154

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 10210

Number: 00177

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & de 172

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Low rhizomatous perennial

Local Name(s):

Local Use(s):

Number of Sheets: 4; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name:

Family: Umbelliferae

Locality (number, latitude & longitude, map reference):

Zhongdian 154

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

10210

Number: 00178

Date: 26 Aug 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Fang Wan-t'ai

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

perennial w/ fleshy rootlet, pungent, aromatic on cliff [illegible] rocks [illegible] white to pale violet

Local Name(s):

Local Use(s):

Number of Sheets: 4; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: [illegible]

Family: [illegible]

Locality (number, latitude & longitude, map reference): [illegible]

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): [illegible]

Number: 00179

Date: Aug 27, 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Zhang, Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): fl. white leaves

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 1; seeds _____; other _____; photograph _____

Disposition of Sheets: _____PRC _____USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Swertia

Family: Gentianaceae

Locality (number, latitude & longitude, map reference): Jiuzhaigou 179

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Jiuzhaigou 179 Xiaohaizi Changyi Yuan Road

Number: 00180

Date: 8/7 Aug

Occurrence: C O I R locally

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Zhang & Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Tall annual, flowers white, lobes of corolla speckled purple with dark green dots below speckling

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Clematis

Family:

Locality (number, latitude & longitude, map reference):

Zhuyan 79

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): rein stream bank

Number: 00181

Date: 27 May

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Vine, flowers red - stem; calyx, lobes + entire (lower pair)

red corm with fi...

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: S. salicifolia

Family:

Locality (number, latitude & longitude, map reference):

Acc # 179

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Same as 179

Number: 00182

Date: 27 Aug 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & al

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

shrub to 1½ m tall, [illegible] in fr

Local Name(s):

Local Use(s):

Number of Sheets: 8; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Betula

Family:

Locality (number, latitude & longitude, map reference):

Zemu 174

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Common tree on cliff — in fruit with young needles

Number: 00183

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & 2

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Tree to 4 m, bark white, yellowish, fruiting, mature ament yellowish

Local Name(s):

Local Use(s):

recorded & shipped 3/29

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Hydrangea

Family:

Locality (number, latitude & longitude, map reference):

Loh. 00179

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Common along stream bank

Number: 00184

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Shrub to tall shrub. Small flowers bright white, umbels

Local Name(s):

Local Use(s): divided 9/5

Number of Sheets: 14; seeds ✓; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Hydrocotyle

Family:

Locality (number, latitude & longitude, map reference):

Sangri 179

Site #____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Sangri 179 damp ind drain
Near stream

Number: 00185

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & L-

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

0.5 m tall - 11 leaves fruit from purple

Local Name(s):

Local Use(s):

Number of Sheets: 7; seeds ____; other ____; photograph ____

Disposition of Sheets: 3 PRC 4 USA: A CM NA NY UC Other ____

1980 Sino-American Botanical Expedition

Name: Codonopsis

Family:

Locality (number, latitude & longitude, map reference):

Site #__, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00186

Date: 2 Aug 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds ____; other ____; photograph ____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other ____

1980 Sino-American Botanical Expedition

Name: Rosa -

Family: _____

Locality (number, latitude & longitude, map reference): _____

Hwa Shan

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): _____

Number: 00187

Date: 7 VI. 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & _____

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Rhododendron

Family:

Locality (number, latitude & longitude, map reference):

Nanga 179

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Nanga 179 on ridge

cut forest

Number: 00188

Date: 27 Aug

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

2-4 m decid. shrub, reddish bark

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Polygonaceae

Family:

Locality (number), latitude & longitude, map reference):

zona 174

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): zona 174

Number: 00189

Date: 7/14

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

herb. stem ... fruit yellow green

Local Name(s):

Local Use(s):

Number of Sheets: 4; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Lithocarpus

Family:

Locality (number, latitude & longitude, map reference):

Dec 187

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Dec 187

Number: 00190

Date: 2/11/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

small subshrub about 1m tall to 2m tall

Local Name(s):

Local Use(s):

Number of Sheets: 4; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Delphinium

Family:

Locality (number, latitude & longitude, map reference):

Wenxian 19

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Wenxian 19 Bartholomew

dew

Number: 00131

Date: 7/4/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

purple. woody.

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Viola

Family:

Locality (number, latitude & longitude, map reference):

Dunhua 174

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Dunhua 174 - Alnus stream bank

Number: 00192

Date: 7 Aug

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

herb. flowers white with purple veins

Local Name(s):

Local Use(s):

Number of Sheets: 6; seeds _____; other _____; photograph _____

Disposition of Sheets: 3 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Celastrus

Family:

Locality (number, latitude & longitude, map reference):

Jdv 6179

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Jdv 6179.

Number: 00193

Date: 27/Aug/

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Woody vine

Local Name(s):

Local Use(s):

Number of Sheets: 10; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Stachyurus chinensis ?

Family: Stachyuraceae

Number: 00194

Date:

Locality (number, latitude & longitude, map reference):

Yunnan 179

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

on slope, open, dry, rocky

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

shrub 2-4 m. tall; bark brown; leaves

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Helwingia

Family:

Locality (number, latitude & longitude, map reference):

Near 179

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 2400 m 17°

Frag. community near stream bed

Number: 00195

Date: 7 July

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 8; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Cardiocrinum giganteum var. yunnanense (Leichtlin) Stearn

Family: Liliaceae

Number: 00196

Date: 7-17-80

Locality (number, latitude & longitude, map reference):

Yulong Shan

Occurrence: C O I/R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

same as 179

edge of woodland

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

1 very tall in fruit capsule 1-1.5 m tall, 1 from bulb 1-3 cm diam

fruit ripening - 1 w. capsule bulbils yellow -

Local Name(s):

Local Use(s):

Number of Sheets: 9; seeds _____; other rootstocks - divided & sent 8/29; photograph _____

Disposition of Sheets: 4 PRC 0 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Paeonia obovata ssp. willmottiae

Family:

Locality (number, latitude & longitude, map reference): Dawa 179

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Dawa 179

on [illegible] hillside, steep cliff

Number: 00197

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

herb; fruiting - red; seeds black

flowering pink/red

Local Name(s):

Local Use(s):

Number of Sheets: 2 ; seeds √ ; other rhizomes divided & shipped 8/29 ; photograph ____

Disposition of Sheets: 1 PRC 1 USA: A CM NA NY UC Other ____

seeds divided 9/5/80

1980 Sino-American Botanical Expedition

Name: Pars

Family: √

Locality (number, latitude & longitude, map reference): __

Field no 174

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Field no: 179 on wetter

Number: 00198

Date: _____

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & ?

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Herb; to 1m width - fruit) [illegible]

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 8; seeds _____; other divided & sent 8/29 (Voucher - Pars); photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Schisandra

Family:

Number: 00199

Date: 27 Aug

Occurrence: (C) O I R

Locality (number, latitude & longitude, map reference):

Path as 179

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Under grate on Tiramisu Road

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

fruit white, pedicels red

Local Name(s):

Local Use(s):

Number of Sheets: 1; seeds ____; other ____; photograph ____

Disposition of Sheets: ____ PRC ____ USA: A CM NA NY UC Other ____

1980 Sino-American Botanical Expedition

Name: Lysimachia

Family:

Locality (number, latitude & longitude, map reference): Yunnan 179

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Yunnan 179 in damp forest gully

Number: 00200

Date: 27 May 1981

Occurrence: C O I R ?

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & ?

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): perennial herb; stems decumbent, rooting at nodes; leaves opposite; flowers yellow

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

5

00201 – 00250

Name: Adenophora

Family:

Locality (number, latitude & longitude, map reference):

Dawu 179

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Dawu 179.
in damp soil with

Number: 00201

Date: 17 Aug 1980

Occurrence: C O I R locality

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & 4

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

erect perenn. 1–1.5 m tall. stems reddish below
fls. pale blue pinkish

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Polygonum

Family:

Locality (number, latitude & longitude, map reference):

Zhuo 179

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Zhuo 179 in wetland

Plants

Number: 00202

Date: 27 Aug 80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Li

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Herb, 1-1.5 m

Local Name(s):

Local Use(s):

Number of Sheets: 10; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Chrysosplenium Linnaeus

Family: Saxifragaceae

Locality (number, latitude & longitude, map reference): Nanos 179

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Nanos 179 in wetland herbs

Number: 00203

Date: 7 July 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & _____

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): succulent herb; low yellow cymose flowers; reflexed - green

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 11 ; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Berberis

Family:

Locality (number, latitude & longitude, map reference):

Dawu 179

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Dawu 179 m Kyg

Steep cliff

Number: 00204

Date: 27 May

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ts

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Shrub 2 m. Dry Red fruit.

Local Name(s):

Local Use(s):

Number of Sheets: 6; seeds _____; other _____; photograph _____

Disposition of Sheets: 3 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Cotoneaster

Family:

Locality (number, latitude & longitude, map reference):

Hwy #79

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Jct @ 179

Number: 00205

Date: 7 July 81

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d/b.h., flowers, fruits, odor, taste):

Shrub; to 2 m; young branches, glabrous; fruit bright red

Local Name(s):

Local Use(s):

Number of Sheets: 8; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Ranunculaceae? Rubiaceae?

Family: Lobelia sp.

Locality (number, latitude & longitude, map reference): Area 179

Number: 00206

Date:

Occurrence: C O I R Locally

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Area 179 at base of cliff

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): 5-10 cm tall. Lobelia-like flower. Ranunculaceae fruit depicted.

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Lilium lancifolium

Family:

Locality (number, latitude & longitude, map reference):

Aqua 179

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Aqua 179 Right in top of bank above big cliffs during storm

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

1 - 2 m tall, fl. orange, petals spotted black petals recurved, anther purple, filaments orange pendulous

Local Name(s): Hsiang ginglish - not correctly written, Lanchi Lanchi

Local Use(s):

Number of Sheets: 6; seeds _____; other fruits, fixed 8/29; photograph _____

Disposition of Sheets: 3 PRC 3 USA: A CM NA NY UC Other _____

Number: 00207

Date:

Occurrence: C O I R to 1a

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Li

1980 Sino-American Botanical Expedition

Name: Rhododendron

Family:

Locality (number, latitude & longitude, map reference): Miao-gou, canyon ca. 4 km. N. of Lou Camp;

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): growing off of a crevice in a small rock outcrop above stream, elev. ca. 5,800 m!

Number: 00208

Date: 8/24

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Cheng, Duan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 10; seeds ✓; other _____; photograph ____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

subdivided 9/5

1980 Sino-American Botanical Expedition

Name: Photinia (?) Stranvesia (?)

Family:

Locality (number, latitude & longitude, map reference): see 208

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in thicket at edge of stream, elev. 5,600m.

Number: 09209

Date: 8/25

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho; Cheng Duan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): fruits green; plant evergreen; ca. 2 m. high

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Viburnum rhytidophyllum

Family:

Locality (number, latitude & longitude, map reference):

see 208

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

in thicket along stream bank

5,600 ft.

Number: 00210

Date: 5/25

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Chang Tsuan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

3 m high; fruits red, turning black

shrub

Local Name(s):

Local Use(s):

divided 9/5

Number of Sheets: 12; seeds ✓; other _____; photograph ____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Cotoneaster

Family:

Locality (number, latitude & longitude, map reference):

Sec 208

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

on talus between road & stream in thicket, 5,800m.

Number: 00211

Date: 8/28

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Cheng Yuan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

shrub; multiple, arching stems, ca. 3.5m; fruits cherry-red, juicy

Local Name(s):

Local Use(s):

Number of Sheets: 15; seeds ✓; other _____; photograph ____

Disposition of Sheets: 8 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Meliosma

Family:

Locality (number, latitude & longitude, map reference):

Lee 208

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

in thicket along left bank of stream at edge of road, 5,700 m.

Number: 00212

Date: 8/28

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Cheng Guan-

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

dense shrub, erect, ca. 3 m.; fruits green, leaves yellowish green

Local Name(s):

Local Use(s):

divided 9/5

Number of Sheets: 12; seeds ✓; other _____; photograph ____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Photinia (Stranvaesia)

Family:

Locality (number, latitude & longitude, map reference):

SEE 204

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): hanging over stream, rooted in rocky soil on outcrop - shaded situation; elev. 5,500 m.

Number: 00213

Date: 8/28/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hsi Cheng Yuan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 13; seeds ✓ divided 9/5; other _____; photograph ____

Disposition of Sheets: 6 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Corylus

Family:

Locality (number, latitude & longitude, map reference):

see 208

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

On rocky slope above stream
elev. ca. 5,600 m.

Number: 00214

Date: 5/25/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hsu, Chang Guan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

large shrub/tree, ca. 4 m. high

Local Name(s):

Local Use(s):

Number of Sheets: 15; seeds √; other _____; photograph _____

Disposition of Sheets: 8 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Cotoneaster

Family:

Locality (number, latitude & longitude, map reference):

see 208

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

in thicket along stream, elev. 5,600 m.

Number: 00215

Date: 8/24/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hu; Chang Guan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

shrub; ca. 3 m. high; fruits green

Local Name(s):

Local Use(s): divided 9/5

Number of Sheets: 14; seeds ✓; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Euptelea

Family:

Locality (number, latitude & longitude, map reference):

see 206

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in rocky soil on stream edge.

Number: 00216

Date: 8/28

Occurrence: C (O) I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Chang Yuan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): fruits pinkish; fall color of leaves = burgundy-red small tree, ca. 5 m. high

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds ✓; other _____; photograph _____

seeds divided 9/5

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Clematis

Family:

Locality (number, latitude & longitude, map reference):

sec 203

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

scandent over thicket vegetation along stream edge, elev. ca. 5600m.

Number: 00217

Date: 8/25/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hoi Chang Kuan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

calyx purple, becoming whitish-purple towards lobes; flowers pendent

Local Name(s):

Local Use(s):

Number of Sheets: 18; seeds _____; other _____; photograph _____

Disposition of Sheets: 9 PRC 9 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Selaginella

Family:

Locality (number, latitude & longitude, map reference):

see 208

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

growing in moist, rocky, soil at base of cliff wall along road

Number: 00218

Date: 8/28/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hu, Cheng Tsuan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

erect plants

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Acanthopanax

Family:

Locality (number, latitude & longitude, map reference):

sec 203

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

in thicket along stream - moist rocky soil, elev. ca. 5600 m.

Number: 00219

Date: 8/28/80

Occurrence: C (O) I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hu; Cheng Guan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

lax shrub ca. 2 m. tall
fruits greenish, turning purple

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds ✓ divided 9/5; other _____; photograph ____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Escholtzia (?)

Family:

Locality (number, latitude & longitude, map reference):

See 208

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): on talus hillside above road along stream; elev. ca. 7600 m.

Number: 00220

Date: 8/28/80

Occurrence: (C) O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Cheng Kuan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): flowers greenish white; shrub with many ascending branches from base; leaves with minty odor; visited by flies

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Kerria japonica

Family:

Locality (number, latitude & longitude, map reference):

dca 208

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

in rocky, moist soil along stream

Number: 00221

Date: 5/25/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hai Cheng Yuan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

low, lax shrub- ca ½ m. high

1.5

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Acer cf. franchetii

Family:

Locality (number, latitude & longitude, map reference):

see 206

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

on talus below road along stream

Number: 00222

Date: 8/28/80

Occurrence: C O I (R)

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Zheng + Guan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Tree 10-12 m tall, dbh 50-60 cm; copiously-fruited; keys in 2's, 3's, up to 5's; leaves glaucous beneath

Local Name(s):

Local Use(s):

Number of Sheets: 18; seeds x; other _____; photograph x → divided & sent 8/29

Disposition of Sheets: 9 PRC 9 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Buxus

Family:

Locality (number, latitude & longitude, map reference):

see 205

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): on cliff face & on talus below road along stream

Number: 00223

Date: 8/25/80

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hsi Cheng/ Guan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

evergreen shrub to 2 m. of dense forest

Local Name(s):

Local Use(s): seeds divided 9/5

Number of Sheets: 16; seeds ✓; other _____; photograph ____

Disposition of Sheets: 8 PRC 8 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Cornus kousa

Family:

Locality (number, latitude & longitude, map reference):

SEC 206

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in talus below road by stream, elev. ca. 5600 m.

Number: 00224

Date: 8/28/80

Occurrence: C (O) I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hu. Chang Zhuan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): small tree ca. 4 m.; infructescence erect, green

Local Name(s):

Local Use(s):

Number of Sheets: 10; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Lonicera

Family:

Locality (number, latitude & longitude, map reference):

see 205

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

in thicket along stream - moist, rocky soil; elev. 5600 m.

Number: 00225

Date: 8/23/80

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Yao, Chang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

fruits lavender & translucent; spreading shrub - ca. 1 m. high

Local Name(s):

Local Use(s): divided 9/5

Number of Sheets: 12; seeds ✓; other _____; photograph ____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Vitis

Family:

Locality (number, latitude & longitude, map reference):

see 204

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

scandent over thicket vegetation along stream, elev. ca. 5800 m.

Number: 00226

Date: 8/28/80

Occurrence: C (O) I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Cheng, Hsu

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

fruits purplish-black, sour

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds ✓; other _____; photograph ____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Elaeagnus

Family:

Locality (number, latitude & longitude, map reference):

see 208

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

in moist rocky soil along stream, 5600 m.

Number: 00227

Date: 8/29/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ht. Chang

Boan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

stiff, erect evergreen

leaves glossy green above, rufous-squamate below

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Swertia

Family:

Locality (number, latitude & longitude, map reference):

See 206

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

in moist, rocky soil along edge of road beneath outcrops, elev. ca. 5800m

Number: 00228

Date: 28 Aug. 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Zheng & Guan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Herb. Calyx green; corolla pale green without, nearly white within with two green, concave nectaries basally and tiny purple dots distally

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph V

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Rubus

Family:

Locality (number, latitude & longitude, map reference):

see 208

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in roadside thicket along stream, elev. 5800 m

Number: 00229

Date: 8/25/80

Occurrence: C (O) I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hu, Cheng, Duan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): stems glaucous; fruits white, sweet

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds ✓; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

divided 9/6

1980 Sino-American Botanical Expedition

Name: Philadelphus

Family:

Locality (number, latitude & longitude, map reference):

Lee 205

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in thicket along stream edge, elev. ca. 5600 m.

Number: 03230

Date: 8/24

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hsi Cheng, Yuan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

low shrub ca 1.5 m.

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Vitis

Family:

Locality (number, latitude & longitude, map reference):

see 208

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

scandent over thicket vegetation along stream bank; elev. ca. 6000 m.

Number: 00231

Date: 8/28/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Chang, Duan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

current year's stems & petioles red; fruit sweet

Local Name(s):

Local Use(s):

seeds divided 9/5

Number of Sheets: 12; seeds ✓; other _____; photograph ____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Berberis

Family:

Locality (number, latitude & longitude, map reference):

see 208

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

streamside thicket; elev. ca. 5600 m.

Number: 00232

Date: 8/24/80

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & He Cheng Guan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

low, stiff shrub ca 1 m. tall; fruits glaucous

Local Name(s):

Local Use(s):

Number of Sheets: 8; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Dioscorea

Family:

Locality (number, latitude & longitude, map reference):

see 205

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): scandent over stream-edge thicket vegetation; elev. 5800 m.

Number: 00233

Date: 8/28/80

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho Cheng Duan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

fruits green; pendent

Local Name(s):

Local Use(s):

Number of Sheets: 8; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Codonopsis

Family:

Locality (number, latitude & longitude, map reference):

DRE 865

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): scandent over thicket vegetation along stream side; elev. 3600m.

Number: 00234

Date: 8/25/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & He, Chang Biwan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 9; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Salix cf. magnifica

Family:

Locality (number, latitude & longitude, map reference):

see 204

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 5600 m. in moist, rocky soil at stream edge; forming large patches where present

Number: 00235

Date: 8/24/80

Occurrence: C (O) I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Cheng, Duan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): large shrubs to ca. 1.5-2 m.; leaves dark, glossy green above; petioles, buds, & young stems dark red

Local Name(s):

Local Use(s):

divided; shipped 8/29

Number of Sheets: 12; seeds _____; other cuttings, wood specimens, divided; photograph √

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Ilex

Family:

Locality (number, latitude & longitude, map reference):

see 204

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in thicket along stream edge; 5600 m.

Number: 00236

Date: 6/23/80

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Cheng, Juan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 4; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Actinidia

Family:

Locality (number, latitude & longitude, map reference):

see 204

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): scandent over thicket vegetation along stream; ca. 3600 m; elev.

Number: 00237

Date: 8/28/80

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & He, Cheng, Duan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 1; seeds _____; other _____; photograph _____

Disposition of Sheets: _____PRC _____USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Cystomium

Family: Polypodiaceae

Locality (number, latitude & longitude, map reference):

see 208

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00238

Date: 8/25/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Cheng, Elan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 4; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Ilex

Family:

Locality (number, latitude & longitude, map reference):

see 805

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

growing in crevices of a cliff wall; Elev. 1600m.

Number: 00239

Date: 8/28/80

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Cheng, Duan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 2; seeds _____; other _____; photograph _____

Disposition of Sheets: 1 PRC 1 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Lonicera

Family:

Locality (number, latitude & longitude, map reference):

see 208

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): scandent over thicket vegetation along stream edge; 5600 ft.

Number: 00240

Date: 8/23/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho Chang, Duan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

fruits ~~blackish~~ vine-green.

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Viburnum

Family:

Locality (number, latitude & longitude, map reference):

see 204

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): on bank above stream in thicket vegetation; elev. ca. 6000 fm.

Number: 00241

Date: 8/24/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & He, Cheng, Tuan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

shrub, arching branches; 2-3 m. tall
orange-red fruit

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds ✓ divided 9/6; other _____; photograph ____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Ligustrum

Family:

Locality (number, latitude & longitude, map reference):

see 203

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in thicket along stream edge; moist, rocky soil; elev. 5600

Number: C0242

Date: 8/28/80

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Fu, Cheng, Duan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): shrub - rather mounded; fruits immature, green.

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Sinomenopteris henryi

Family: Pteridaceae

Number: 00243

Date: 8/24/80

Occurrence: C O I (R)

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & (surveyed)

Locality (number, latitude & longitude, map reference):

Xiao-dang-yang, ca. 30 km. below base camp on rd. to Heng-shan

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): elev. 1,010 m.; (3,400') on steep slope along rushing stream, the tree distally rooted at stream side. in full sun → fruits greenish, becoming pinkish, petioles & buds reddish

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): d.b.h. ca 1 M; main trunk dichotomizes 2 main trunks at ca. 3 M. above ground; bark furrowed in checkered pattern; latex white → oxidizing pink from apex; crown ca. 26 M. in diameter

Local Name(s): 香果树 (sweet fruit tree) → smelling

Local Use(s):

Number of Sheets: 112; seeds _____; other wood + leaves; photograph ✓

Disposition of Sheets: 56 PRC 56 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Keteleeria davidii

Family:

Locality (number, latitude & longitude, map reference):

same as 244

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

on small promontory above stream

Number: 00244

Date: 9/29

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

d.b.h. 240 cm.; circumfrance 750 cm.; bark [illegible] scaly; tree ca. 35 m tall

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Carissa Carlycina

Family: Flacourtiaceae

Locality (number, latitude & longitude, map reference): upstream from 1st camp site - Mucheg (木耳坪) beside Tsucongshe (木叢河) river

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): solitary tree on talus above stream

Number: 00245

Date: 5/29

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Duan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): d.b.h. ca. 25cm.; height ca. 40 feet; fruits greenish; petioles reddish

Local Name(s):

Local Use(s):

Number of Sheets: 32; seeds _____; other _____; photograph ✓

Disposition of Sheets: 16 PRC 16 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Thelypteris decussata-pinnata

Family: ?

Number: 00246

Date: 5/24

Locality (number, latitude & longitude, map reference): same as 245

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hu, Chang, Chang, Tang, Ying, Duan

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Moist, gravelly soil

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): fronds from erect rhizomes

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Neolepisorus

Family: Polypodiaceae

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Terrestrial and epipetric

Number: 00247

Date: 8/29/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

forming loose colonies

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Lycopus sinensis

Family:

Locality (number, latitude & longitude, map reference):

same as #245

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

road side-, on the slope

Number: 00248

Date: 29 Aug 1980

Occurrence: C (O) I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

~~shrub~~ small tree, with many galls

Local Name(s):

Local Use(s):

Number of Sheets: 10 ; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Actinidia callosa

Family:

Locality (number, latitude & longitude, map reference):

same as #245

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

on the slope,

Number: 00249

Date: 29 Aug 1980

Occurrence: C (O) I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

vine; about 3 M long, many white dots on surface of fruit,

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Viburnum

Family:

Locality (number, latitude & longitude, map reference):

same as #245

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

~~on the~~ roadside, on the slope

Number: 00250

Date: 8/29/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & He, Tang, Chang, Chang, Ying, Duan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

fruits white, 5-lobed pink; shrub; about 2 m.

Local Name(s):

Local Use(s):

Number of Sheets: 8; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

#

00251-00300

Name: Lonicera

Family:

Locality (number, latitude & longitude, map reference):
Chuifongyia
2760m ; N-facing slope

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): associated on open slopes with bamboo, Rhododendron fargesii, and Ribes

Number: 08251

Date: 26 Aug. 1980

Occurrence: C O I (R)

Collector(s): ~~Bartholomew~~, ~~Boufford, Dudley, Elias~~, ~~Spongberg, &~~ Luteyn, Chang, Ho

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):
Shrub 1.5 m tall ; berry black

Local Name(s):

Local Use(s):

No PRC packet (?)

Number of Sheets: 12 ; seeds X ; other _____ ; photograph X

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Ribes

Family:

Locality (number, latitude & longitude, map reference): same as #251

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Same as 251

Number: 00252

Date:

Occurrence: C (O) I R

Collector(s): ~~Bartholomew~~, ~~Boufford~~, ~~Dudley~~, ~~Elias~~, ~~Spongberg~~, & Luteyn, Chang & Hu

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): shrub to 1.5 m tall; fruits pendent, reddish-black

Local Name(s):

Local Use(s):

Number of Sheets: 10; seeds X ✓ seeds divided 9/5; other _____; photograph X

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Astilbe

Family:

Locality (number, latitude & longitude, map reference): along road from Chuifengyia to the top; 2760 – 3000 m elev.

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): rocky roadsides, exposed

Number: 00253

Date: 26 Aug. 1980

Occurrence: © O I R

Collector(s): ~~Bartholomew~~, ~~Boufford~~, ~~Dudley~~, Elias, ~~Spongberg~~, & Luteyn + Wan Xin

(translator)

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): herb from perennial rootstalk; 1–1.5 m tall; flowers + pedicels pale greenish-white;

Local Name(s):

Local Use(s):

Number of Sheets: 4; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: _____

Family: ~~Euphorbiaceae~~ Umbelliferae

Locality (number, latitude & longitude, map reference): _____

same as 253

this material collected at top

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): open exposed, wind-swept slopes, full sun

Number: 00254

Date: _____

Occurrence: (C) O I R

Collector(s): ~~Bartholomew, Boufford, Dudley, Elias, Spongberg, &~~ Boufford, Spongberg & Lutteyn + Wan Xin

Buff., Spong., Lut. & Wan Xin

transitor

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): herb, 1-2 dm tall; involucral bracts greenish-yellow; petals yellow; stylipodium brown

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 32; seeds _____; other _____; photograph X

Disposition of Sheets: 16 PRC 16 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Berberis

Family:

Locality (number, latitude & longitude, map reference): same as #251

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): same as 251

Number: 00255

Date:

Occurrence: C O I R

Collector(s): ~~Bartholomew, Boufford, Dudley, Elias, Spongberg, &~~ Luteyn, Chang & He

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): spreading shrub to 2m tall; fruits green turning red

Local Name(s):

Local Use(s):

Number of Sheets: 6; seeds x (duplicated 9/5); other _____; photograph _____

Disposition of Sheets: 3 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: _____

Family: Umbelliferae

Locality (number, latitude & longitude, map reference): Same as #253

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Same as 253

Number: 00256

Date: _____

Occurrence: (C) O I R

Collector(s): ~~Bartholomew, Boufford, Dudley, Elias,~~ ~~Spongberg,~~ & Luteyn & Wan Yin (Translator)

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Coarse herb to 2m tall from thick taproot; petals white; & fruits purplish-violet

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 12; seeds _____; other _____; photograph X

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Buddleja

Family:

Locality (number, latitude & longitude, map reference):

~~Same as~~ # 253

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ~~Same as~~ # 253

Number: 00257

Date:

Occurrence: C O I R

Collector(s): ~~Bartholomew, Bufford, Dudley, Elias, Spongberg, &~~ Luteyn & Wan Yin

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Shrub to 2m tall; corolla lilac color; ~~capsules~~ fruits brown; visited by butterflies (monarch-like coloration) and bees.

Local Name(s):

Local Use(s):

Number of Sheets: ~~6~~ 11; seeds X (divided 9/5); other _____; photograph X

Disposition of Sheets: ~~6~~ PRC ~~5~~ 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Aequilegia

Family:

Locality (number, latitude & longitude, map reference):
Road from base camp to Chuifengyia ;
8000 ft. elev.

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): rocky, exposed roadside in ± talus and gravel

Number: 00258

Date: 26 Aug 1980

Occurrence: C O I (R)

Collector(s): ~~Bartholomew, Boufford, Dudley, Elias, Spongberg, &~~ Luteyn & Guan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):
Perennial herb; calyx purple ; petal-spurs purple , petal tips pale whitish-purple ; flowers pendent ; capsules brown , erect ; seeds black

Local Name(s):

Local Use(s): divided 9/5

Number of Sheets: 8 ; seeds X ; other _____ ; photograph X

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Pedicularis

Family:

Locality (number, latitude & longitude, map reference): Same as #258

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Same as #258

Number: 00259

Date:

Occurrence: C O I R

Collector(s): ~~Bartholomew, Boufford, Dudley, Elias, Spongberg, &~~ Luteyn & Guan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Herb from short tap root; calyx green with red dots; petals whitish but maroon at base, spur maroon.

Local Name(s):

Local Use(s):

Number of Sheets: 8; seeds _____; other _____; photograph X

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Lonicera

Family: Caprifoliaceae

Locality (number, latitude & longitude, map reference): same as #258

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): same as #258

Number: 00260

Date: _____

Occurrence: C O I (R)

Collector(s): ~~Bartholomew, Boufford, Dudley, Elias, Spongberg, &~~ Luteyn & Guan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Shrub 2 m. tall; fruit red

Local Name(s): _____

Local Use(s): _____ seeds divided 9/5

Number of Sheets: 10; seeds x; other _____; photograph _____

Disposition of Sheets: 8 PRC 8 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Euonymus

Family:

Locality (number, latitude & longitude, map reference): same as #258

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): same as #258

Number: 00261

Date:

Occurrence: (C) O I R

Collector(s): ~~Bartholomew, Boufford, Dudley, Elias, Spongberg, &~~ Luteyn & Guan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Shrub to 2 m tall; fruit red, seed orange

Local Name(s):

Local Use(s):

Number of Sheets: 10; seeds (X) duplicated 9/5; other _____; photograph X

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Malus

Family:

Locality (number, latitude & longitude, map reference): same as # 258

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): same as # 258

Number: 00262

Date:

Occurrence: C O I (R)

Collector(s): ~~Bartholomew~~, ~~Boufford~~, ~~Dudley~~, ~~Elias~~, ~~Spongberg~~, & Luteyn & Guar.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Shrub to 3 m; fruits green turning red

Local Name(s):

Local Use(s):

Number of Sheets: 4; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Cotoneaster

Family: Rosaceae

Locality (number, latitude & longitude, map reference): Same as #258

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Same as #258

Number: 00263

Date: _____

Occurrence: C O ~~T~~ R

Collector(s): ~~Bartholomew, Boufford, Dudley, Elias, Spongberg, &~~ Luteyn & Guan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Shrub to 2m tall; heavy-fruiting with berries green turning maroonish-red.

Local Name(s): _____

Local Use(s): seeds divided 7/5

Number of Sheets: 14; seeds X; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Syringa

Family:

Locality (number, latitude & longitude, map reference): Jiaohe #258

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Jiaohe #258

Number: 00264

Date:

Occurrence: C O I R

Collector(s): ~~Bartholomew, Boufford, Dudley, Elias, Spongberg, &~~ Luteyn & Guan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Shrub to 2m tall; capsules green now

Local Name(s):

Local Use(s): seeds divided 9/5

Number of Sheets: 4; seeds X; other _____; photograph ____

Disposition of Sheets: 1 PRC 1 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Cotoneaster

Family:

Locality (number, latitude & longitude, map reference):

Same as # 258

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Same as #258

Number: 08265

Date:

Occurrence: C O I R

Collector(s): ~~Bartholomew, Boufford, Dudley, Elias, Spongberg, &~~ Luteyn & Guan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Shrub 1.5 m tall; fruits deep reddish-black

Local Name(s):

Local Use(s): seeds divided 9/8

Number of Sheets: 12; seeds X; other _____; photograph ____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Sorbaria arborea

Family:

Locality (number, latitude & longitude, map reference): Same as 258

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Same as 258

Number: 80266

Date:

Occurrence: (C) O I R

Collector(s): ~~Bartholomew, Boufford, Dudley, Elias, Spongberg, &~~ Luteyn & Guan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Shrub to 3 m tall; petals white; fruits brown; flowers with foetid odor

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Halenia ? ~~Swertia~~

Family: Gentianaceae

Locality (number, latitude & longitude, map reference): same as 258

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): In moist grassy area along stream

Number: 00267

Date: _____

Occurrence: C O I R

Collector(s): ~~Bartholomew, Boufford, Dudley, Elias, Spongberg, &~~ Lutevnt

Guam

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Herb 1-2 dm tall. Calyx green; corolla with spurs pendent, purple.

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Rosa

Family:

Locality (number, latitude & longitude, map reference): Same as #258

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Same as #258

Number: 00268

Date:

Occurrence: C O I R

Collector(s): ~~Bartholomew, Boufford, Dudley, Elias, Spongberg, &~~ Lutey & Guan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Shrub to 2.5 m tall; hips orangish-red; young twigs & stems smooth, older ones densely provided with prickels

Local Name(s): Note: seed divided 9/5 - may be numbered as 278

Local Use(s):

Number of Sheets: 28; seeds X; other fruit & wood - divided 9/5; photograph ____

Disposition of Sheets: 14 PRC 14 USA: A CM NA NY UC Other ____

1980 Sino-American Botanical Expedition

Name: Spiraea

Family:

Locality (number, latitude & longitude, map reference):

Same as #258

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Same as #258

Number: 08269

Date:

Occurrence: (C) O I R

Collector(s): ~~Bartholomew~~, ~~Boufford, Dudley, Elias~~, ~~Spongberg~~, & Lateyn & Guan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Shrub ca. 1 m tall, spreading; fruits brown

Local Name(s):

Local Use(s):

Number of Sheets: 10; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Hetheparax davidii

Family: Araliaceae

Number: 00299

Date: 31 Aug. 1980

Locality (number, latitude & longitude, map reference): same as # 451

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Luteyn, Tang, He, Chang, Zheng, Guan

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Shrub, 2–3 m height. fruit green

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: ~~Adelia~~ Macleya microcarpa

Family:

Locality (number, latitude & longitude, map reference): same as #451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Common roadside weed and gravelly soil; 1000 m

Number: 00300

Date: 31 Aug. 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Luteyn, Tong, He, Chang, Zheng, Guan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Leaves glaucous beneath; stems & roots exuding orange sap when cut; fruits brownish

Local Name(s):

Local Use(s):

Number of Sheets: 18; seeds _____; other roots/divided unt 9/10; photograph X

Disposition of Sheets: 9 PRC 9 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

301 — 350

Name: Clematis

Family: Ranunculaceae

Locality (number, latitude & longitude, map reference): Yuergou ~~ditch~~ River valley

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca. 2200 m, along a small tributary of the Yuergou River

Number: 00301

Date: 27 August 1980

Occurrence: C O I R

Collector(s): Bartholomew, (Boufford,) Dudley, Elias, Spongberg, & Tang + Ying

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Twining herbaceous vine; flowers yellow, odorless
Only a single flower

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 8; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Acer

Family: Aceraceae

Locality (number, latitude & longitude, map reference): S.A. 301

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca 200 m

Number: 00302

Date: 27 Aug. 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang & Ying

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Small tree ca 8 m tall.

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 18; seeds _____; other _____; photograph _____

Disposition of Sheets: 9 PRC 9 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Lindera

Family: Lauraceae

Locality (number, latitude & longitude, map reference): S.A. 301

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca 2200 m

Number: 00303

Date: 27 Aug 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang + Ying

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): ~~Shr~~ Small tree ca 3 m.;

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Paris

Family: Liliaceae

Locality (number, latitude & longitude, map reference): S.A. 301

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca. 2100 meters

Moist slopes along tributary of Pine.

with Tricyrtis

Number: 00304

Date: _____

Occurrence: (C) O I R

Collector(s): Bartholomew, (Boufford), Dudley, Elias, Spongberg, & Tang & Ying

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 18; seeds _____; other 2 rhizstalk divided; sent 8/29; photograph _____

Disposition of Sheets: 9 PRC 9 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Sarcococca

Family: Buxaceae

Locality (number, latitude & longitude, map reference): S.A. 301

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca 2000 m
moist steep slope along river.

Number: 00305

Date: _____

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & _____
Tang + Ying

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 10; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Thelypteris

Family: Thelypteridaceae

Locality (number, latitude & longitude, map reference): S.A. 361

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca 2200 m; moist stream margin

Number: 00306

Date: _____

Occurrence: (C) O I R

Collector(s): Bartholomew, (Boufford), Dudley, Elias, Spongberg, & Tang + Ying

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Colonial fern creeping rhizomes

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 16; seeds _____; other _____; photograph _____

Disposition of Sheets: 3 PRC 8 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Polygonum

Family:

Number: 00307

Date:

Locality (number, latitude & longitude, map reference): S.A. 301

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang + Ying

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca 2000 m.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Flowers white; loose, twining herbaceous vine

Local Name(s):

Local Use(s):

Number of Sheets: 10; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Saxifraga

Family: Saxifragaceae

Locality (number, latitude & longitude, map reference): S.H. 301

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca 2000 m on moist rock cliff along river

Number: 08308

Date: _____

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang + Yang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): ~~flower~~ petals white, ovary yellow, anthers reddish

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 9; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Pachysandra terminalis

Family: Buxaceae

Number: 00309

Date:

Locality (number, latitude & longitude, map reference): S.A. 301

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang + Ying

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Moist river margins

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): leaves shining above

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Clematis

Family: Ranunculaceae

Locality (number, latitude & longitude, map reference): S.A. 301

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in thicket along small tributary of River,

Number: 00310

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang + Ying

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): herbaceous vine; flowers purple;

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Dryopteris

Family:

Number: 00311

Date:

Locality (number, latitude & longitude, map reference): S.A. 301

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Fang & Ying

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 2000 m steep slope along

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): tufted from erect rhizome

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Trigyia

Family:

Locality (number, latitude & longitude, map reference): S.A. 301

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 2200 m.

with Pinus polyphylla

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): leaves of some plants mottled.

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

Number: 00312

Date: 27 August 1980

Occurrence: (C) O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang + Ying

1980 Sino-American Botanical Expedition

Name: Celastrus

Family: Celastraceae

Locality (number, latitude & longitude, map reference): S.A. 301

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca 2200m.

Number: 00313

Date: 27 Aug. 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang + Ying

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

High climbing woody vine; fruits immature, green

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 6; seeds _____; other _____; photograph _____

Disposition of Sheets: 3 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Panax pseudo-ginseng

Family: Araliaceae

Number: 00314

Date:

Locality (number, latitude & longitude, map reference): S.A. 301

Occurrence: C O (I) R

Collector(s): Bartholomew, (Boufford,) Dudley, Elias, Spongberg, & Tang & Ying

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 2000 - 2200 meters

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): fruits partly red, partly black

Local Name(s):

Local Use(s):

Number of Sheets: 4 ; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Lonicera

Family: Caprifoliaceae

Locality (number, latitude & longitude, map reference): S.A. 301

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca. 2200 m

Number: 00315

Date: _____

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & _____

Tang + Yang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): shrub ca 2 meters tall; fr. red.

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 10; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Lindera

Family: Lauraceae

Locality (number, latitude & longitude, map reference): S.A. 301

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca 2200 m.

Number: 00316

Date: 27 August 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang + Yang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): ~~Shrub~~ Small tree ca. 3 meters; leaves glaucous beneath fruit black at maturity

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Swertia

Family: Gentianaceae

Locality (number, latitude & longitude, map reference): S.A. 301

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca 2000 meters

Number: 60317

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang + Ying

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Flowers: Petals white with 2 large green spots and many small purplish black spots near apex

Local Name(s):

Local Use(s):

Number of Sheets: 8; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Epilobium

Family: Onagraceae

Locality (number, latitude & longitude, map reference): S.A. 301

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 2100 m.

Number: 00318

Date: _____

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & _____

Tang + Yang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): flowers pink, plants densely clustered

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 8; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Epilobium

Family: Onagraceae

Locality (number, latitude & longitude, map reference): S.A. 301

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 2100 m.

Number: 00319

Date: _____

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang + Ying

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 16; seeds _____; other _____; photograph _____

Disposition of Sheets: 8 PRC 8 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Dryopteris

Family:

Number: 00320

Date:

Locality (number, latitude & longitude, map reference): SA. 301

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang + Yang

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 2200 meters

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): fern leaf frigons

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Athyrium

Family:

Number: 00321

Date:

Locality (number, latitude & longitude, map reference): S.H. 301

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang & Ying

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca 2200 m.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): fern 1m tall rhizomes

Local Name(s):

Local Use(s):

Number of Sheets: 6 ; seeds _____; other _____; photograph _____

Disposition of Sheets: 3 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: _____

Family: Athyriaceae

Locality (number, latitude & longitude, map reference): S.A. 301

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca 2200 m.

Number: 00322

Date: _____

Occurrence: C O I R

Collector(s): Bartholomew, (Boufford), Dudley, Elias, Spongberg, & _____

Tang & Yang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): fern. erect rhizome

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 3; seeds _____; other _____; photograph _____

Disposition of Sheets: 1 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Artemisia

Family: Compositae

Locality (number, latitude & longitude, map reference): S.A. 301

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 2200 m.

Number: 00323

Date: _____

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & ~~Tso~~ Tang + Ying

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): plants ca 2 meters tall.

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 8; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Campanula punctata

Family: Campanulaceae

Number: 00324

Date:

Locality (number, latitude & longitude, map reference): S.A. 301

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): flowers white

Local Name(s):

Local Use(s):

Number of Sheets: 4; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Polygonum

Family:

Number: 00325

Date:

Locality (number, latitude & longitude, map reference): S.A. 301

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang & Ying

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca 2200 meters

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): in moist, rich forest

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Adiantum

Family:

Number: 00326

Date:

Locality (number, latitude & longitude, map reference):

S.A. 301

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang & Ying

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca 2100 m

in mossy rock face

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 4 ; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Adiantum.

Family:

Locality (number, latitude & longitude, map reference): S.A. 301

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 1600 - 2100 ft. on mossy rock faces and in crevices.

Number: 00327

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang + Yang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Asplenium

Family:

Locality (number, latitude & longitude, map reference): S.A. 301

Site #____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca 2200 m fern

on shady rock face

Number: 00328

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang & Ying

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 2; seeds ____; other ____; photograph ____

Disposition of Sheets: 1 PRC 1 USA: A CM NA NY UC Other ____

1980 Sino-American Botanical Expedition

Name: Selaginella

Family: Selaginellaceae

Locality (number, latitude & longitude, map reference): ~~Eshuye~~; Eshuye River valley

Side canyon directly E of Jiuhuping

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Moist slope in deep shade

Number: 00330

Date: 28 August 1980

Occurrence: (C) O I R

Collector(s): (Bartholomew), (Boufford), Dudley, Elias, Spongberg, & Tang, Ying, Chang, Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): ~~Moist slope in deep shade~~

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Schisandra

Family: Schisandraceae

Locality (number, latitude & longitude, map reference): S.A. 330

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00331

Date: 28 Aug 1980

Occurrence: (C) O I R

Collector(s): (Bartholomew), (Boufford), Dudley, Elias, Spongberg, & Tang, Ying, Chang Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Twining woody vine; immature fruits green

Local Name(s):

Local Use(s):

Number of Sheets: 24; seeds _____; other _____; photograph _____

Disposition of Sheets: 12 PRC 12 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Polypodium

Family: Polypodiaceae

Locality (number, latitude & longitude, map reference): S.A. 330

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): growing on moss covered rocks

Number: 00332

Date: 28 Aug 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang, Ying, Chang, Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 8; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Athyrium

Family: Athyriaceae

Locality (number, latitude & longitude, map reference): SA. 330

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in rich soil in deep shade

Number: 00333

Date: 28 August 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang, Ying, Chang, Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): from erect rhizomes

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 5; seeds _____; other _____; photograph _____

Disposition of Sheets: 3 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Vitis

Family: Vitaceae

Locality (number, latitude & longitude, map reference): SA. 330

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 06334

Date: 28 August 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang Yang, Chang, Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 9; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Adenophora

Family: Campanulaceae

Locality (number, latitude & longitude, map reference): S.A. 330

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): At top of rock ledge with Hemerocallis

Number: 00335

Date:

Occurrence: C O I R

Collector(s): (Bartholomew), (Boufford), Dudley, Elias, Spongberg, & Tang, Ying, Chang, Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): flowers blue

Local Name(s):

Local Use(s):

Number of Sheets: 3; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 1 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Prunus

Family: Rosaceae

Locality (number, latitude & longitude, map reference): SA 330

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00336

Date: 28 Aug 1980

Occurrence: C O I R

Collector(s): (Bartholomew), (Boufford), Dudley, Elias, Spongberg, & Tang, Ying, Cheng, Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Tree ca 4 meters; ripe fruits red

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Indigofera

Family: Leguminosae

Locality (number, latitude & longitude, map reference): SA. 330

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00337

Date: 28 August 1980

Occurrence: C O I R

Collector(s): (Bartholomew), (Boufford), Dudley, Elias, Spongberg, & _____

Tang, Ying Cheng, Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Shrubs ca 2 meters tall

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Microstegium

Family: Gramineae

Locality (number, latitude & longitude, map reference): S.A. 330

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00338

Date: 18 Aug. 1980

Occurrence: C O I R

Collector(s): (Bartholomew), (Boufford), Dudley, Elias, Spongberg, & Tang, Ying, Chang, Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): recently cleared, gravel slope.

Local Name(s):

Local Use(s):

Number of Sheets: 11 ; seeds _____ ; other _____ ; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Actinidia

Family: Actinidiaceae

Locality (number, latitude & longitude, map reference): SA 330

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00339

Date: 28 Aug 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang, Ying, Chang, Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Somewhat twining, woody vine

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Ligustrum

Family: Oleaceae

Locality (number, latitude & longitude, map reference): SA. 330

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00340

Date: 28 Aug, 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang, Ying, Cheng, Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Shrub ca 2 meters

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Berberis

Family: Berberidaceae

Locality (number, latitude & longitude, map reference): S A. 330

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00341

Date: 28 Aug. 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang. Yang. Chang. Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Shrub ca 1,5 meters.

Local Name(s):

Local Use(s):

Number of Sheets: 1; seeds _____; other _____; photograph _____

Disposition of Sheets: _____PRC _____USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Lonicera

Family: Caprifoliaceae

Locality (number, latitude & longitude, map reference): S.A. 330

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00342

Date:

Occurrence: C O I R

Collector(s): (Bartholomew), (Boufford), Dudley, Elias, Spongberg, & Tang, Ying, Cheng, Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Shrub ca 1,5 m.

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Polygonatum

Family: Liliaceae

Locality (number, latitude & longitude, map reference): S.A. 330

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00343

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang, Ying, Chang Wen

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 3; seeds _____; other _____; photograph _____

Disposition of Sheets: 1 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Cotoneaster

Family: Rosaceae

Locality (number, latitude & longitude, map reference): S.A. 330

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00344

Date: 25th Aug. 1980

Occurrence: C O I R

Collector(s): (Bartholomew), (Boufford), Dudley, Elias, Spongberg, & _____

Tang, Ying, Cheng, Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Shrub ca 2 meters tall, fruits purple-black

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Lonicera

Family: Caprifoliaceae

Locality (number, latitude & longitude, map reference): S.A. 330

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00345

Date: 28 Aug. 1980

Occurrence: C O I R

Collector(s): (Bartholomew), (Boufford), Dudley, Elias, Spongberg, & Tang Ying Cheng + team

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): 2 meters, fruit red

Local Name(s):

Local Use(s):

Number of Sheets: 4; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Corylus

Family: Betulaceae

Locality (number, latitude & longitude, map reference): S.A. 330

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Stream margin

Number: 00346

Date: 28 Aug 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang, Ying & Chang + Wu

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Small tree ca 6 meters

Local Name(s): _____

Local Use(s): seeds edible

Number of Sheets: 4 ; seeds ✓ ; other _____ ; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Euonymus

Family:

Number: 00347

Date:

Locality (number, latitude & longitude, map reference):

Sph, 33°

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Tang, Yang, Zhang & Chen

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Stream margin

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Shrub ca 3 meters

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Styrax

Family: Styracaceae

Locality (number, latitude & longitude, map reference): S. A. 330

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Stream margin

Number: 00348

Date: _____

Occurrence: C O I R

Collector(s): ~~Bartholomew~~, ~~Boufford~~, Dudley, Elias, Spongberg, & Tang, Ying, Cheng + Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Tree ca 7 meters tall

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 11; seeds ✓ seeds divided; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Philadelphus

Family: Saxifragaceae

Locality (number, latitude & longitude, map reference): S.A. 330

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00349

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang, Yang, Chang, Wan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Shrub ca 2 meters tall.

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Kerria

Family: Rosaceae

Number: 00350

Date:

Locality (number, latitude & longitude, map reference): SA. 330

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Tang, Ying, Cheng + Wan

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Shrub ca 1 meter

Local Name(s):

Local Use(s):

Number of Sheets: 11 ; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

8

00351 — 00400

Name: ~~Deparia acrostichoides~~ Athyrium

Family: Polypodiaceae

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in bamboo thicket on north-facing slope above road elev. ca. 2600 m.

Number: 00351

Date: 8/26/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): fronds tufted from erect rhizome

Local Name(s):

Local Use(s):

Number of Sheets: 8; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Mint (?)

Family:

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

see # 351

Number: 00352

Date: 9/24/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

erect plants from long, creeping, woody rhizomes; flowers white

Local Name(s):

Local Use(s):

Number of Sheets: 10 ; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Dryopteris acrostichoides

Family:

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca 2700 m, Openings in bamboo thickets

Number: 00353

Date: 8/26/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): from erect rhizome

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Picris

Family:

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 3000 m. Open, recently disturbed areas, roadside

Number: 00354

Date: 8/26/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): florets yellow,

Local Name(s):

Local Use(s):

Number of Sheets: 8; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Helwingia

Family:

Locality (number, latitude & longitude, map reference):

Jiao Dong Dou

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): moist rocky soil on steep, shaded slope above stream elevation ca. 1900-2000 M.

Number: 00355

Date: 9/27/80

Occurrence: C O R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Cheng, & Guan, Li, Jin

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Shrub ca. 2m tall; fruit black

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds X (divided 9/5); other _____; photograph X

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Polypodium

Family:

Locality (number, latitude & longitude, map reference):

Sec 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): on shaded, moss-covered outcrops & cliffs along stream bank 1900 m. - 2000 m.

Number: 00356

Date: 27 Aug. 1980

Occurrence: (X) O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Cheng, & Guan, Li

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Delphinium ?

Family:

Locality (number, latitude & longitude, map reference): see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): just above stream on moist gravelly bank with other forbes & grasses; ca. 2000 m.

Number: 00357

Date: 8/27/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Zheng, & Guan, Li;

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): flowers deep maroon

Local Name(s):

Local Use(s):

Number of Sheets: 2; seeds _____; other _____; photograph _____

Disposition of Sheets: 1 PRC _____/ USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: cf. Lepisorus thunbergii

Family: Polypodiaceae

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 1900 m;

Number: 08358

Date: 8/27/80

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Zheng, Hu, Guan & Li, Jin

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other rootstock divided & sent 8/29; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Lysimachia

Family:

Locality (number, latitude & longitude, map reference): see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): gravelly soil in disturbed areas along trail by stream

Number: 00359

Date: 8/27/80

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Cheng, Ho, & Guan, Li, Jin

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Creeping herb; calyx green; petals bright yellow; stem reddish-green

Local Name(s):

Local Use(s):

Number of Sheets: 2; seeds _____; other _____; photograph _____

Disposition of Sheets: 1 PRC 1 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: *Campanula punctata*

Family:

Locality (number, latitude & longitude, map reference): *see 355*

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): *occuring as one or a few plants together; gravelly soil, usually on steep slopes in partial sun — ca. 2000 m. elev.*

Number: 00360

Date: *5/27/80*

Occurrence: C O (I) R

Collector(s): (Bartholomew,) Boufford, Dudley, ~~Elias,~~ (Spongberg,) & *Lu-tzyn C. Cheng, Hu, Guan, Li, Jin.*

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): *Perennial herb; calyx green; corolla white to pale greenish-white*

Local Name(s):

Local Use(s):

Number of Sheets: *8*; seeds _____; other _____; photograph *X*

Disposition of Sheets: *4* PRC *4* USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Lilium

Family:

Locality (number, latitude & longitude, map reference):

All 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): On moist bank above stream - only 2 plants - in full sun 2,000 M. elevation.

Number: 00361

Date: 8/27/80

Occurrence: C O I (R)

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Cheng, & Guan, Li, Jin

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Bulbous herb to 1.5m tall; tepals orange with purplish-black dots; ovary green; style and filaments light orange; anthers purplish-black

Local Name(s):

Local Use(s):

Number of Sheets: 2; seeds _____; other bulbs/divided & sent 8/29; photograph X

Disposition of Sheets: 1 PRC 1 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Ligularia

Family:

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): gravelly soil along road - 1900 m. elev.

Number: 00362

Date: 8/27/80

Occurrence: (C) O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Cheng & Guan, Li

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Perennial herb; phyllaries green; ray florets yellowish-orange; disk florets yellow. leaves in large basal rosette

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other roots/divided sent 8/29; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Hypericum

Family:

Locality (number, latitude & longitude, map reference):

Alt 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Open field, secondary growth & weeds - ca. 1900 m.

Number: 00363

Date: 8/27/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hu, Cheng, & Guan, Li

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Herb ~~[illegible]~~ 1.9 meters; petals yellow; ovary green

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Euphorbia

Family:

Locality (number, latitude & longitude, map reference):

sel 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): growing in partial shade along trail - individuals scattered - ca. 2000 m elev. 1900

Number: 00364

Date: 8/27/80

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Zhang, Guan, Li

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Herb from taproot; white milky juice; fruit green

Local Name(s):

Local Use(s):

Number of Sheets: 7; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Cotoneaster

Family:

Locality (number, latitude & longitude, map reference): see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): moist soil in thicket along stream bank; elev. ca. 1900 m.

Number: 00365

Date: 8/27/80

Occurrence: C (O) I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hu, Chang, & Guan, Li,

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Shrub 2 m; spindly; fruits green turning red

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Euonymous cf. alatus

Family:

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): elev. ca. 1700m. growing in thicket along trail above stream.

Number: 00366

Date: 8/27/80

Occurrence: C O (L) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Cheng, & Boran Li,

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Shrub ca. 2.5 m; capsule green turning pinkish

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Acanthopanax

Family:

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): moist soil on shaded bank above stream; elev. 1900-2000 m.

Number: 00367

Date: 8/27/80

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Chang & Guan, L.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Thin-stemmed shrub to 1.5 m; petals white; fruits green

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Acer

Family:

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

exposed talus below logging road elev. ca. 1900m.

Number: 00368

Date: 8/27/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Cheng, Hu, & Guan, Li,

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Tree 8-10 m tall; fruits green turning red

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds x (?); other _____; photograph _____

Disposition of Sheets: 8 PRC _____ 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Cornus macrophyllum

Family:

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): at edge of stream and the branches extending out over the water; elev. ca. 1900m

Number: 00369

Date: 8/27/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hsi Cheng, & Hsuan Li,

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Shrub to 2m; stems bright red; pith white; mature fruits blue-black with greenish hue

Local Name(s):

Local Use(s): dyeing 7/5

Number of Sheets: 14; seeds X; other _____; photograph ____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Hydrangea

Family: ( )

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

shaded slope above stream; elev. ca. 1900 m.

Number: 00370

Date: 8/27/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Yuan, Ho, & Chang, Li,

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

sterile flowers greenish; scandent shrub growing over other shrubs

Local Name(s):

Local Use(s):

Number of Sheets: 8; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Quercus

Family:

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): exposed talus below logging road; elev. ca. 1900 m.

Number: 00371

Date: 8/27/80

Occurrence: C (O) I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Cheng, & Guan, Li.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): erect, shrubby, dense trees to 10 m. evergreen

Local Name(s):

Local Use(s):

Number of Sheets: 16; seeds _____; other _____; photograph _____

Disposition of Sheets: 8 PRC 8 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Cotoneaster

Family:

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in thicket along stream bank, elev. ca. 1900 m.

Number: 00372

Date: 8/27/80

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Cheng, Hu, & Guan, Li,

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): fruits bright cherry red - erect shrub to ca. 2 m. high

Local Name(s):

Local Use(s): divided 9/5

Number of Sheets: 11; seeds ✓; other _____; photograph ____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Berberis

Family:

Locality (number, latitude & longitude, map reference):

sec 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

in thicket on slope along path above stream; elev. ca 1900 m.

Number: 00373

Date: 8/27/80

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hsi Cheng, Guan, Li

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

fruits whitish, reddish at base, maturing red.

Local Name(s):

Local Use(s):

Number of Sheets: 4; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Viburnum rufinerve

Family:

Locality (number, latitude & longitude, map reference):

See 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in thickets along stream-bank - elev. ca. 1900m.

Number: 00374

Date: 8/27/80

Occurrence: C (O) I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Cheng, & Guan, Ld

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): fruits initially red, becoming black - some pubescent

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds ____; other _____; photograph ____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Cotoneaster

Family:

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): growing over boulders at edge of stream; elev. ca. 1900 m.

Number: 00375

Date: 8/27/80

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & H. T. Cheng, & Yuan Li

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): ± prostrate shrub - fruits ultimately red

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds ✓; other _____; photograph ____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

seed divided 9/5

1980 Sino-American Botanical Expedition

Name: Mint-(?)

Family:

Locality (number, latitude & longitude, map reference):

acc 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): elev. ca 1900 m. at base of talus below road at bottom of narrow ravine - in moist soil in shaded situation

Number: 00376

Date: 8/27/80

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hu, Chang & Guan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Perennial - to ca 1.5 m.; flowers with reddish purple lower lip, tube greenish-cream colored

Local Name(s):

Local Use(s):

Number of Sheets: 13; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Sorbus alnifolia

Family:

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): on talus below logging road – exposed situation elev. ca. 1900 m.

Number: 00377

Date: 8/27/80

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Guan, Cheng & Ho, Li

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): tree, ca. 8m. high; fruit green

Local Name(s):

Local Use(s):

Number of Sheets: 10; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Quercus

Family:

Locality (number, latitude & longitude, map reference):

Hee 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): on talus below road - elev. ca. 1900m.

Number: 08378

Date: 8/27/80

Occurrence: C D I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Cheng, Hu, Guan, Li.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): shrubby tree with several trunks from near base

Local Name(s):

Local Use(s):

Number of Sheets: 10; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Cynoglossum

Family:

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): wet soil by road along small stream in narrow ravine above road; elev. ca. 1900 m.

Number: 00379

Date: 8/27/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Cheng, Hu, Yuan, Li.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): perennials; flowers blue; ca. 1.3 m. high

Local Name(s):

Local Use(s):

Number of Sheets: 4; seeds _____; other _____; photograph _____

Disposition of Sheets: 1 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Epilobium

Family:

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

moist, gravelly soil along stream bank

Number: 00380

Date: 8/27/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Guan, Ho, Chang, Li,

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

ca. 4 dm. tall; major lower leaves + stem, red; flowers I white; sepals + fruits reddish;

Local Name(s):

Local Use(s):

Number of Sheets: 6 ; seeds _____; other _____; photograph _____

Disposition of Sheets: 3 PRC 3 _____ USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Acanthopanax (3)

Family:

Locality (number, latitude & longitude, map reference): see #355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): exposed, gravelly soil along roads, 1900 m, common

Number: 00381

Date: 27 Aug.

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Zheng & Guan, Li.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): tree, single-stemmed; 3-4 m. fruits beaming purplish; lower portions of stem with rings of spines

Local Name(s):

Local Use(s):

Number of Sheets: 4; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: ~~Stachyrus~~ Schisandra

Family:

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

with white-fruited Viburnum (# 390)
moist soil on shaded slopes above stream
elev. ca. 2000 m.

Number: 00382

Date: 8/27/80

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hu, Zhengd-Guan, Li,

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

fruits greenish-white; petioles & young stems reddish;
scandent plant,

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds ✓; other divided 9/5; photograph ✓

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other

1980 Sino-American Botanical Expedition

Name: Corylus ferox

Family:

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): on talus below road and in thickets along stream; elev. ca. 1900m.

Number: 00383

Date: 9/27/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Cheng, Guan, Li,

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): husks greenish-yellow, tinged pinkish; small tree ca. 4 m. high

Local Name(s):

Local Use(s):

Number of Sheets: 4; seeds _____; other fruits as specimens/divided; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA/NY UC Other _____

1980 Sino-American Botanical Expedition

Name: *Pinus armandii*

Family:

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): *isolated trees in deforested area; elevation ca. 2500 m.*

Number: 00384

Date: *8/27/80*

Occurrence: C O (I) R

Collector(s): *Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Cheng, Guan, Li.*

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

cones jade green; trees ca. 7 m.

Local Name(s):

Local Use(s):

Number of Sheets: *9*; seeds _____; other *cones to go to specimens*; photograph _____

Disposition of Sheets: *4* PRC *5* USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Paeonia obovata

Family:

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in disturbed secondary growth beneath power line on steep slope; elev. ca. 2000m.

Number: 00385

Date: 9/27/80

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho Cheng, Guan, Li

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): perennials ca 4 dm. high; leaves dark green, pale green beneath; seeds purplish-black, aborting seeds crimson

Local Name(s):

Local Use(s):

Number of Sheets: 5; seeds ✓; other divided 9/5 - may be under #384; photograph _____

Disposition of Sheets: 3 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Silene sp.

Family:

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): moist, gravelly soil at edge of road at base of rock outcrop; elev. 1900 m.

Number: 00386

Date: 8/27/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Cheng, Ho, Guan, Li,

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): flowers white

Local Name(s):

Local Use(s):

Number of Sheets: 8 ; seeds _____ ; other _____ ; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Polygonatum

Family: Liliaceae

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): elev. ca. 1900 m.; moist soil on slope above stream

Number: 00387

Date: 5/27/50

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Duan, Ho, Chang Li,

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): ca 2m. tall;

Local Name(s):

Local Use(s): medicinal herb (rhizome)

Number of Sheets: 6; seeds _____; other _____; photograph _____

Disposition of Sheets: 3 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Aconitum

Family:

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): growing in moist soil at edge of stream in full sun; elev. ca. 1900 m.

Number: 00388

Date: 8/27/80

Occurrence: C (O) I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Chang, Guan, Li.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): flowers pale purplish - blue - plants ± twinning perennials

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Spiraea

Family:

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in moist soil — one of the thicket-forming species on slope above stream; elev. ca. 1900m.

Number: 00339

Date: 9/27/80

Occurrence: C (O) I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hsi Cheng, Guan Li

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): shrubs ± 3 m. - spindly, with arching branches capsules brown

Local Name(s):

Local Use(s):

Number of Sheets: 8; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Viburnum

Family:

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

on moist slopes above stream; shaded elev. ca. 1900m.

Number: 00390

Date: 8/27/80

Occurrence: C (O) I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & He, Cheng, Guan, Li,

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

fruits white flushed pinkish, pedicels/peduncles red
shrubs ca. 2 m. high

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds ✓; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Dioscorea

Family:

Locality (number, latitude & longitude, map reference):

Alt 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): scandent over other low shrubs in disturbed secondary vegetation beneath power line; elev. ca. 2000 m.

Number: 00391

Date: 8/27/80

Occurrence: C O R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hoi Cheng, Guan Li

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): fruits 3-winged, pale green

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Grass

Family:

Locality (number, latitude & longitude, map reference):

LCC 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in pockets of soil between boulders along stream edge; culms arching; elev. ca. 2000 m.

Number: 08392

Date: 8/27/80

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Chang, Guan, Li

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): forming large clumps

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Cotoneaster

Family:

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): at the edge of a thicket along stream bank; elev. ca. 2000 m.

Number: 08393

Date: 5/27/80

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hu, Cheng, Guan Li

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Arching, "two-dimensional" shrub 1.5 m tall; fruits turning reddish-brown

Local Name(s):

Local Use(s):

Number of Sheets: 10 ; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Lonicera

Family:

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

disturbed, secondary vegetation beneath power line; elev. ca. 2000 m.

Number: 00394

Date: 8/27/80

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Cheng, Guan, Li

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Shrub to 3m tall; fruits dark red

Local Name(s):

Local Use(s):

Number of Sheets: 10; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Tilia

Family:

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

in thicket, beside stream, on the flat ground.

Number: CB395

Date: 8/27/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Cheng, Guan, Li,

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

ca. 5 m. Tilia, tree, d.b.h. 10 cm. fruit (immature) pale green

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Hypericum

Family:

Number: 00396

Date: 8/27/80

Locality (number, latitude & longitude, map reference):

see 355

Occurrence: O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Guan, Yao, Chen, Li

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Common in secondary growth, pasture area; elev. ca. 1900m.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Herb becoming woody at base; petals yellow

Local Name(s):

Local Use(s):

Number of Sheets: 6; seeds _____; other _____; photograph _____

Disposition of Sheets: 3 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Malus (?)

Family:

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): moist, rocky soil on exposed slope above stream; elev. ca. 2000 m.

Number: 00397

Date: 8/27/80

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ho, Cheng, Guan, Jin, Li,

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Shrub to 2.5 m tall, fruits green away from sun, dark purplish-red towards sun.

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Euonymous

Family:

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00398

Date:

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & He, Zheng, Jin, Li

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Spindly shrub to 1.5 m; calyx green turning red; capsule green now

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Corydalis

Family:

Locality (number, latitude & longitude, map reference):

ALL 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): forming a tangled mat to 0.5 m. high on shaded slope above stream; elev. ca. 1900 m.

Number: 00399

Date: 8/27/80

Occurrence: (B) O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hu, Cheng, Guan, Li,

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Herb 1 m tall; stems thinly-winged; floral bract light green; perianth ± yellow with slight green tint; fruits green (dark) with reddish center

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: (?)

Family: Compositae

Locality (number, latitude & longitude, map reference):

see 355

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): moist, rocky soil in thickets along stream edge; elev: ca. 1900 m.

Number: 00400

Date: 8/27/80

Occurrence: C (O)? I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Hu, Cheng, Guan, Li,

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Herb to 1 m tall; phyllaries green; disk florets pinkish-lilac; anthers bluish-purple

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

9

00401 – 00450

Name: Rhododendron

Family:

Locality (number, latitude & longitude, map reference):

see 1063

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): moist, rocky soil in shaded situation near margin of stream

Number: 00401

Date: Aug. 30, 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

shrub

Local Name(s):

Local Use(s):

Number of Sheets: 13; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Schisandra

Family:

Locality (number, latitude & longitude, map reference):

see 1063

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

on floor of ravine slope, mos
plants located

Number: 00402

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

No Voucher specimen - seeds only

Local Name(s):

Local Use(s):

Number of Sheets: _____; seeds ✓; other _____; photograph _____

Disposition of Sheets: _____ PRC _____ USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Sarcococca CO

Family:

Locality (number, latitude & longitude, map reference):

dee 1063

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in moist, rocky soil on floor of steep-sided, forested ravine slope

Number: 00403

Date: 8/30/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): low, evergreen shrub

Local Name(s):

Local Use(s):

Number of Sheets: 15; seeds _____; other _____; photograph _____

Disposition of Sheets: 8 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Bupleurum longicaule var. franchetii

Family: Umbelliferae

Number: 00404

Date: 8/30/80

Locality (number, latitude & longitude, map reference):

See 1063

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): partial shade on rocky knoll in center of stream bed

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Delphinium cf. #421 (?)

Family:

Locality (number, latitude & longitude, map reference):

see 1063

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in moist soil in full sun in thicket along stream

Number: 00405

Date: 8/30/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

flowers bluish-purple

Local Name(s):

Local Use(s):

Number of Sheets: 3 ; seeds ____ ; other ____ ; photograph ____

Disposition of Sheets: 2 PRC 1 USA: A CM NA NY UC Other ____

1980 Sino-American Botanical Expedition

Name: Polystichum

Family:

Locality (number, latitude & longitude, map reference):

see 1063

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00406

Date: 8/30/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 10 ; seeds ____ ; other ____ ; photograph ____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other ____

1980 Sino-American Botanical Expedition

Name: Boea

Family:

Locality (number, latitude & longitude, map reference):

see 1063

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): moist, rocky soil in partial shade on steep-sided ravine slope

Number: 00407

Date: 8/30/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): white calyx, some black dots on stem,

Local Name(s): Niu erduo (ears of cow)

Local Use(s):

Number of Sheets: 16 ; seeds _____ ; other _____ ; photograph _____

Disposition of Sheets: 8 PRC 8 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Callicarpa

Family:

Locality (number, latitude & longitude, map reference):

see 1063

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): on rocky soil on steep slope of ravine in shade of forest trees

Number: 00408

Date: 8/30/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): fruits green (immature?); twiggy shrub ca. 1.5 m. tall

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: S. Ilene

Family:

Locality (number, latitude & longitude, map reference):

ASE 1063

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): partial shade along trail near stream

Number: 00409

Date: 5/30/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): petals white, calyx green

Local Name(s):

Local Use(s):

Number of Sheets: 4; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Aesculus wilsonii

Family:

Locality (number, latitude & longitude, map reference):

SEE 1063

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

large tree with wide canopy - growing in ravine bottom along stream - (no vouchers possible)

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

DBH ca 3 dm, height ca 10 m

No Voucher

Seeds only

Local Name(s):

Local Use(s):

Number of Sheets: 0 ; seeds ✓ ; other _____ ; photograph _____

Disposition of Sheets: _____ PRC _____ USA: A CM NA NY UC Other _____

Number: 00410

Date: 8/30/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

1980 Sino-American Botanical Expedition

Name: Lonicera

Family:

Locality (number, latitude & longitude, map reference):

SEE 1063

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): lax, twiggy shrub on rocky knoll in center of stream

Number: 00411

Date: 8/30/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): white fruit, black seeds, fruits translucent

(no voucher?)

Local Name(s):

Local Use(s):

Number of Sheets: 10; seeds ✓; other _____; photograph ____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Litsea

Family:

Locality (number, latitude & longitude, map reference):

see 1063

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): shady slope on ravine side

Number: 00412

Date: 8/30/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

immature fruits,

Local Name(s):

Local Use(s): essential oil for medicinal use

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: ~~Actaea~~ Actaea

Family:

Locality (number, latitude & longitude, map reference):

see 1063

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): deep shade of forest on steep-sided ravine slope

Number: 00413

Date: 8/30/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

black fruit

Local Name(s):

Local Use(s):

Number of Sheets: 1; seeds _____; other _____; photograph _____

Disposition of Sheets: _____PRC _____USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Broussonetia

Family:

Locality (number, latitude & longitude, map reference):

see 1063

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in thicket above trail near road camp

Number: 00414

Date: Aug. 30, 1980

Occurrence: C O I (R)

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

small tree, 2-25 meters tall. pericarp fruits ± 6.6. 3-5 cm. style often persistent in fruit

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Swida sp. nov.

Family:

Locality (number, latitude & longitude, map reference):

ACC 1063

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00415

Date: Aug. 30, 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Suffrutescent herb to 1 m; fruits green; stem green

Local Name(s):

Local Use(s):

Number of Sheets: 2; seeds _____; other _____; photograph _____

Disposition of Sheets: 1 PRC 1 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Paris

Family:

Number: 00416

Date: 8/30/80

Locality (number, latitude & longitude, map reference):

All 1063

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): moist soil on forest floor, steep-sided ravine slope

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

2 dm tall, leaf 10 parted

No voucher

Local Name(s):

Local Use(s):

Number of Sheets: _____; seeds _____; other plants only - (2) _____; photograph _____

Disposition of Sheets: _____ PRC _____ USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Peucedanum decussatum

Family:

Locality (number, latitude & longitude, map reference):

see 1063

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00417

Date: 30 Aug. 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 5; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Polystichum

Family:

Locality (number, latitude & longitude, map reference):

see 1063

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): on t vertical rock cliff on steep ravine slope in deep shade

Number: 00418

Date: 8/30/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): On rock ledge, fronds rooting at tips: forming colonies

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: *Circaea glabrescens* (Pamp.) Hand.-Mazz.

Family: Onagraceae

Locality (number, latitude & longitude, map reference):

ACC 1063

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Clearings and forest margins

Number: 00413

Date: 8/30/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Ht. Flowers pink, fruit easily detached at maturity

Local Name(s):

Local Use(s):

Number of Sheets: 18; seeds _____; other _____; photograph _____

Disposition of Sheets: 9 PRC 9 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: ? Loxocalyx

Family: Labiatae

Locality (number, latitude & longitude, map reference):

see 1063

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Under woods, near stream

Number: 00420

Date: Aug. 30. 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Calyx somewhat purple

Local Name(s):

Local Use(s):

Number of Sheets: 10; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Delphinium sp. cf. * 405 (?)

Family:

Locality (number, latitude & longitude, map reference):

see 1063

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): steep N facing slope

Number: 00421

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Spur blyish purple, towards the base, petals green, stem purple, height 1 m

Local Name(s):

Local Use(s):

Number of Sheets: 8; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Polygonum (Tovara)

Family:

Locality (number, latitude & longitude, map reference):

see 1063

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): rocky soil in cut-over areas & at forest margin on steep-sided ravine slope

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

flowers pink

Local Name(s):

Local Use(s):

Number of Sheets: 12 ; seeds _____ ; other _____ ; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

Number: 00422

Date: 8/30/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

1980 Sino-American Botanical Expedition

Name: Siegesbeckia

Family: Compositae

Locality (number, latitude & longitude, map reference):

dde 1063

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): road side, on shade slope,

Number: 00423

Date: 30 Aug, 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): perennial herb, 1.5 m height, flowers whitish yellow

Local Name(s):

Local Use(s):

Number of Sheets: 4 ; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Cryptotaenia canadensis (L.) DC

Family:

Number: 00424

Date: 8/30/80

Locality (number, latitude & longitude, map reference):

see 1063

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): sunny areas; cut-over ravine slope

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 2; seeds _____; other _____; photograph _____

Disposition of Sheets: 1 PRC 1 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Oplismenus

Family: Gramineae

Locality (number, latitude & longitude, map reference):

SEE 1063

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

in cleared areas on ravine slope

Number: 00425

Date: 9/30/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 8; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Microsorium

Family: Polypodiaceae

Locality (number, latitude & longitude, map reference):

see 1063

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): growing in moss on face of rock outcrop on steep slope of ravine

Number: 00426

Date: 8/30/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 10 ; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Lepogramma

Family: Polypodiaceae

Locality (number, latitude & longitude, map reference):

see 1063

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): in moss on tree trunks & on rocks near stream

Number: 00427

Date: 9/30/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

epiphytic & epipetric

Local Name(s):

Local Use(s):

Number of Sheets: 18; seeds _____; other _____; photograph _____

Disposition of Sheets: 9 PRC 9 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Saxifragodium

Family:

Locality (number, latitude & longitude, map reference): Mucheng, beside Jiucongke River

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca. 940m.

Number: 00428

Date: 31 August 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Growing in lichens on perpendicular rock face along the River.

Local Name(s):

Local Use(s):

Number of Sheets: 8; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Solanum

Family: Solanaceae

Locality (number, latitude & longitude, map reference): Sinkiang 428

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00429

Date: 31 August 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ying

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Ripe fruits black; flowers white, anthers yellow.
Plants annual from a branching taproot, forming large plants 1-2 meters in diameter, branches spreading.

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Asplenium

Family:

Locality (number, latitude & longitude, map reference):

Same as 428

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Growing on large boulders along the River.

Number: 00430

Date: 31 August 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ying

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Coll. Galinsoga

Family: Comp.

Locality (number, latitude & longitude, map reference):

see 428

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Weed in cultivated field

Number: 00431

Date: 8/31/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ying

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Rays white, disc yellow

Local Name(s):

Local Use(s):

Number of Sheets: 10; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Celtis

Family:

Locality (number, latitude & longitude, map reference):

see 428

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00432

Date: 8/31/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ying

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

small tree ca. 4 m. tall

Local Name(s):

Local Use(s):

Number of Sheets: 16; seeds √; other _____; photograph _____

Disposition of Sheets: 8 PRC 8 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Xanthoxylum

Family:

Locality (number, latitude & longitude, map reference):

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00433

Date: 8/31/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg & Ying

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

shrub, 2-3 m. tall; fruit red; shrub scraggly

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds ✓; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Viburnum

Family:

Locality (number, latitude & longitude, map reference):

Number: 00434

Date: 8/30/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ying

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): on rocky slope in shaded situation; with Rosa, Pyracantha.

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): fruits dark, glossy red; shrub ca. 3 m. tall

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Equisetum

Family:

Locality (number, latitude & longitude, map reference): S.A. 428

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): Along River and weed in cultivated fields

Number: 00435

Date: 31 August 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ying

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): plants to 1.8 m. tall.

Local Name(s):

Local Use(s):

Number of Sheets: 18; seeds _____; other _____; photograph _____

Disposition of Sheets: 9 PRC 9 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Pyracantha

Family:

Locality (number, latitude & longitude, map reference): S.A. 428

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): shaded rocky slope

Number: 00436

Date: 8/31/80

Occurrence: (C) O I R

Collector(s): Bartholomew, (Boufford), Dudley, Elias, (Spongberg), & Ying

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): immature fruits green; shrub ca. 2 m. tall - spreading

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Polygonum

Family:

Locality (number, latitude & longitude, map reference): see 438

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00437

Date: Aug 31, 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Yang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): shrubby plant ca. 2 m. tall

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Pyrrosia

Family:

Locality (number, latitude & longitude, map reference):

Sec 428

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Growing on large boulders along river; in moss and lichen layer

Number: 00438

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ying

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: _____

Family: Asclepiadaceae

Locality (number, latitude & longitude, map reference): _____

L.A. 428

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): _____

Number: 00439

Date: _____

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Yang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

twining vine; flowers white

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Polygonum

Family: ??

Locality (number, latitude & longitude, map reference):

S.A.425

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00440

Date: 8/31/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Yang

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Lonicera

Family:

Locality (number, latitude & longitude, map reference):

S.A. 428

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00441

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ying

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Shrub

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Rosa

Family:

Locality (number, latitude & longitude, map reference):

S.A. 428

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00442

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ying

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Shrub 2-3 m (arching); immature fruits green

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Lonicera of japonica

Family:

Locality (number, latitude & longitude, map reference):

S.A. 428

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00443

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Ying

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Vine.

Local Name(s):

Local Use(s):

Number of Sheets: 2; seeds _____; other _____; photograph _____

Disposition of Sheets: 1 PRC 1 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Spiraea

Family:

Locality (number, latitude & longitude, map reference): same as 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): same as 451

Number: 00444

Date: 8/31

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Shrub to 2m tall; capsules brown

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Viburnum cylindricum

Family:

Locality (number, latitude & longitude, map reference):

same as 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00445

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Evergreen shrub to 1.5 m, ~~fls~~ corolla white, ~~stamens~~ anthers dark purple; immature fruits whitish-green

Local Name(s):

Local Use(s):

Number of Sheets: 16; seeds _____; other _____; photograph _____

Disposition of Sheets: 8 PRC 8 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Viburnum ichangense

Family:

Locality (number, latitude & longitude, map reference): #451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 3800'

Number: 00446

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Fruit purplish-black; 8m scraggly shrub

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: _____

Family: Lauraceae

Locality (number, latitude & longitude, map reference): _____

Jinxiu 4/51

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): _____

Number: 00447

Date: _____

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & _____

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Mallotus

Family: Euphorbiaceae

Locality (number, latitude & longitude, map reference): same as #451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00448

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 8; seeds _____; other _____; photograph _____

Disposition of Sheets: 4 PRC 4 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Rubus

Family:

Locality (number, latitude & longitude, map reference):

same as 451

3800 ft.

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Number: 00449

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

fruits orange

Local Name(s):

Local Use(s):

Number of Sheets: 10 ; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Juglans * cathyaensis

Family:

Locality (number, latitude & longitude, map reference): same as 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): * 451, 3800 ft.

Number: 00450

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): small tree to 7 m tall; fruits green;

Local Name(s):

Local Use(s):

Number of Sheets: 6; seeds ____; other ____; photograph ____

Disposition of Sheets: 3 PRC 3 USA: A CM NA NY UC Other ____

1980 Sino-American Botanical Expedition

00451-00500

Name: Agrimonia

Family:

Locality (number, latitude & longitude, map reference):
Laojunshan Yaogou

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): 1000-1250m, N.E exposure, steep disturbed draw

Number: 00451

Date: aug. 31, 1980

Occurrence: (C) O I R

Collector(s): Bartholomew, Boufford, Dudley, ~~Elias~~ Lutevyn, Spongberg, & Tang, Ho, Chang, Guan, Zheng

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):
flowers yellow, perennial

Local Name(s):

Local Use(s):

Number of Sheets: 10 ; seeds _____ ; other _____ ; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Alangium

Family:

Locality (number, latitude & longitude, map reference): ac 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ac 451

Number: 00452

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

ac 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 10; seeds _____; other _____; photograph _____

Disposition of Sheets: 5 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Helwingia

Family:

Locality (number, latitude & longitude, map reference): ar 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ar 451

Number: 00453

Date:

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & ar 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): fruit red, woody shrub, ca 1 m tall

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds ✓; other _____; photograph ✓

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Ophiopogon

Family:

Locality (number, latitude & longitude, map reference): ac 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ac 451

Number: 00454

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & ac 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other roots; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Codonopsis

Family:

Locality (number, latitude & longitude, map reference): ar451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ar451

Number: 00455

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & ar451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 5 ; seeds _____ ; other _____ ; photograph _____

Disposition of Sheets: 3 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Chloranthus

Family:

Locality (number, latitude & longitude, map reference):

as 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

as 451

Number: 00456

Date:

Occurrence: © O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

as 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

fruit pale red whitish yellow

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other root; photograph ✓

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Smilax

Family:

Locality (number, latitude & longitude, map reference):

same as 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

as 451

Number: 00457

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

as 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: _____

Family: Balanophoraceae

Locality (number, latitude & longitude, map reference): on 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): on 451

deep shade

Number: 00458

Date: _____

Occurrence: C O I (R)

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & on 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): flower bud ~~and fruit~~ light salmon

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 1; seeds _____; other _____; photograph _____

Disposition of Sheets: _____PRC _____USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Elaeagnus

Family:

Locality (number, latitude & longitude, map reference): ar 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ar 451

Number: 00459

Date:

Occurrence: (C) O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): calyx cream colored, shrub 3-4 m

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Weigela

Family:

Locality (number, latitude & longitude, map reference): ca 451 but at 1250 m

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca 451

Number: 00460

Date:

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & ca 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): small tree ca 3 m high

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name:

Family: Compositae

Locality (number, latitude & longitude, map reference): ac 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ac 451

Number: 08461

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & ac 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): flowers whitish, involucre bracts pale whitish green

Local Name(s):

Local Use(s):

Number of Sheets: 6 ; seeds _____; other _____; photograph _____

Disposition of Sheets: 3 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Viburnum propinqua

Family:

Locality (number, latitude & longitude, map reference): on 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): on 451

Number: 00462

Date:

Occurrence: (C) O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & on 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Stem + petioles purple-red, dense shrub to 3 m, fruit black

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds ✓; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Castanea

Family:

Locality (number, latitude & longitude, map reference): as 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): as 451

~~post~~ probably cultivated

Number: 00463

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & as 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

~~as 451~~ small tree

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: _____

Family: Umbelliferae

Locality (number, latitude & longitude, map reference): ca 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca 451

Number: 08464

Date: _____

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & _____

ca 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): perennial, ca 1.5 m, petals white

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 4; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name:

Family: Rhamnaceae

Locality (number, latitude & longitude, map reference):

ca 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

ca 451

Number: 00465

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

ca 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 2; seeds _____; other _____; photograph _____

Disposition of Sheets: 1 PRC 1 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Pyracantha

Family:

Locality (number, latitude & longitude, map reference): ac 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ac 451

Number: 00466

Date:

Occurrence: (C) O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & ac 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): scraggly shrub

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Hydrangea

Family:

Locality (number, latitude & longitude, map reference): ar 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ar 451

Number: 00467

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & ar 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): staminate flowers white, fertile flowers lavender, erect tall shrub to 3 m

Local Name(s):

Local Use(s):

Number of Sheets: 14 ; seeds ✓ ; other _____ ; photograph ✓

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Houttynia

Family:

Locality (number, latitude & longitude, map reference): an 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): an 451

Number: 00468

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & an 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph v

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Actinidia chinensis

Family:

Locality (number, latitude & longitude, map reference): ar 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ar 451

Number: 00469

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & ar 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): (missing) fruit brown, pulp yellowish green,

Local Name(s):

Local Use(s):

Number of Sheets: 13; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Deutzia

Family:

Locality (number, latitude & longitude, map reference): ar 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ar 451

Number: 00470

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & ar 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): scraggly arching shrub to 1.5 m, capsules brown

Local Name(s):

Local Use(s):

Number of Sheets: 2; seeds √; other _____; photograph _____

Disposition of Sheets: / PRC ____/____ USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Lonicera

Family:

Locality (number, latitude & longitude, map reference): as 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): as 451

Number: 00471

Date:

Occurrence: C (O) I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & as 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Fruits green turning maroon, shrub

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds ✓; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Berberis sargentii

Family:

Locality (number, latitude & longitude, map reference): ca 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ca 451

Number: 00472

Date:

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & ca 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): low evergreen shrub to ca 1 m

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Actinidia

Family:

Locality (number, latitude & longitude, map reference): ar 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ar 451

Number: 00473

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & ar 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): fruit dark green with pale streaks

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Ampelopsis

Family:

Locality (number, latitude & longitude, map reference): ac 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ac 451

Number: 00474

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & ac 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): vine

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Physalis

Family:

Locality (number, latitude & longitude, map reference): cu 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): cu 451

Number: 00475

Date:

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & cu 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Inflated calyx bright orange, herb to 2 dm

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

~~Blyttea~~ Bletilla

Name: B. striata

Family: Orchidaceae

Number: 00476

Date:

Locality (number, latitude & longitude, map reference): an 451

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

an 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): an 451

in full sun

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 4 ; seeds _____; other root ; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Smilax

Family:

Locality (number, latitude & longitude, map reference):

ca 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

ca 451

Number: 00477

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

ca 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Berries turning reddish-black

Local Name(s):

Local Use(s):

Number of Sheets: 4; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: P. tibeticum

Family:

Number: 00478

Date:

Locality (number, latitude & longitude, map reference):

as 451

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

as 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

as 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

shrub to ca 2.5 m

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds √; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: *Ilex yunnanensis*

Family:

Locality (number, latitude & longitude, map reference):

ca 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

ca 451

Number: 00479

Date:

Occurrence: C O I (R)

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

ca 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

small sterile shrub ca 0.5 m tall

Local Name(s):

Local Use(s):

Number of Sheets: 4; seeds _____; other _____; photograph _____

Disposition of Sheets: 2 PRC 2 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: ~~Senecio~~ Carpesium

Family: Compositae

Number: 00480

Date:

Locality (number, latitude & longitude, map reference): ar 451

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & ar 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ar 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Ray florets + disk florets yellow, involucre phyllaries glandular stems green with red streaks, fruit sm,

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Polygonatum

Family:

Locality (number, latitude & longitude, map reference): ar 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ar 451

Number: 00481

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & ar 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 2; seeds _____; other tubers; photograph _____

Disposition of Sheets: 1 PRC 1 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name:

Family: Urticaceae

Locality (number, latitude & longitude, map reference): ar 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ar 451

Number: 00482

Date:

Occurrence: (C) O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & ar 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): succulent herb, stems reddish, flowers pinkish

Local Name(s):

Local Use(s):

Number of Sheets: 13; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Physalis

Family:

Locality (number, latitude & longitude, map reference): as 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): as 451

Number: 00483

Date:

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & as 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Inflated calyx green; fruit pale green when mature succulent coarse herb to 1 m tall

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Malus

Family:

Locality (number, latitude & longitude, map reference): ar 451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ar 451

Number: 00484

Date:

Occurrence: C O (I) R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & ar 451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): small ~~tree~~ stiff tree ca 4m tall

Local Name(s):

Local Use(s):

Number of Sheets: 14; seeds _____; other _____; photograph _____

Disposition of Sheets: 7 PRC 7 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Clethra

Family:

Locality (number, latitude & longitude, map reference): ar451

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): ar451

Number: 00485

Date:

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & ar451

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): small narrow tree to ca 4 m

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds V; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Woodwardia

Family:

Locality (number, latitude & longitude, map reference):

Vicinity of Muchang

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

steep slopes along stream

Number: 00486

Date: 31 Aug. 1980

Occurrence: (C) O I R

Collector(s): Bartholomew, (Boufford,) Dudley, Elias, Spongberg, & Guan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

fronds densely tufted from thick, creeping rhizome

Local Name(s):

Local Use(s):

Number of Sheets: 16; seeds _____; other _____; photograph _____

Disposition of Sheets: 8 PRC 8 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Siegesbeckia

Family: Compositae

Locality (number, latitude & longitude, map reference): ca. 486

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): growing in dry loam in clearing near creek on steep slope

Number: 00487

Date: _____

Occurrence: C O I R

Collector(s): Bartholomew, (Boufford,) Dudley, Elias, Spongberg, & Guan

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): heads yellow

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 16; seeds _____; other _____; photograph _____

Disposition of Sheets: 8 PRC 8 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name:

Family: Urticaceae

Locality (number, latitude & longitude, map reference):
small canyon on west slope of valley of JIUCONGHE RIVER - ca 1000 M elev. ca 2km from Camp Mocheng

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): moist, rocky soil at edge of shaded stream bank

Number: 00488

Date: 1 Sept. 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Li (Lee)

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):
stems purplish at swollen nodes, ochreous greenish

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Erechtites

Family: Compositae

Locality (number, latitude & longitude, map reference): SA. 458

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): _____

Number: 00489

Date: 8 / Sept. / 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & _____

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): Roots sandy red. Plants annual from a short, stout, freely branching tap root; heads nodding in bud, erect at anthesis and in fruit.

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: _____

Family: Cucurbitaceae

Locality (number, latitude & longitude, map reference): _____

see 430

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): vine growing on low herbaceous vegetation along shaded stream edge - the plants almost totally obscured

Number: 00490

Date: 9/1/80

Occurrence: C O (I) R

Collector(s): Bartholomew, (Boufford, Dudley, Elias, Spongberg, & Li)

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): sepals with globose spurs; petals pinkish orange, reflexed forming a bell-like flower; these flowers & nectaries under stigmatic lobes nine

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 16; seeds _____; other _____; photograph _____

Disposition of Sheets: 8 PRC 8 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Achyranthes

Family: Amaranthaceae

Number: 00491

Date: 9/1/80

Locality (number, latitude & longitude, map reference):

see 485

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Li

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

flowers pale green; perennial herb 0.8 - 1.2 m. tall

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: _____

Family: Fern

Locality (number, latitude & longitude, map reference): S.A. 488

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): growing in deep rich soil on edges of steep rock cliff.

Number: 00492

Date: 9/1/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & _____

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 6 ; seeds _____ ; other _____ ; photograph _____

Disposition of Sheets: 3 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Begonia cf. evansiana

Family:

Locality (number, latitude & longitude, map reference):

see 488

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

~~on moist step talus~~

on cliff walls along stream in shaded area

Number: 00493

Date: 9/1/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Li

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

flowers pink, undersurfaces of leaves red

Local Name(s):

Local Use(s):

Number of Sheets: 2; seeds _____; other _____; photograph _____

Disposition of Sheets: 1 PRC _____ 1 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: _____

Family: Urticaceae

Locality (number, latitude & longitude, map reference): _____

see 488

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): moist rocky soil on shaded bank of stream

Number: 02494

Date: 9/1/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Li

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

heads pinkish-white

Local Name(s): _____

Local Use(s): _____

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Pteris

Family: Pteridaceae

Locality (number, latitude & longitude, map reference):

Dec 484

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

growing from crevices in rock ledge

Number: 00495

Date: 1 Sept 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, &

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Coix gramine

Family:

Locality (number, latitude & longitude, map reference):

see 484

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

Moist, loop loamy soil at base of cliff along stream.

Number: 00496

Date: 1 Sept 1980

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Li

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 6; seeds _____; other _____; photograph _____

Disposition of Sheets: 3 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Adiantum

Family:

Locality (number, latitude & longitude, map reference):

see 485

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

growing from moss areas and crevices on perpendicular rock cliff.

Number: 00497

Date: 9/1/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Li

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 12; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 6 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Begonia

Family:

Number: 00498

Date: 9/1/80

Locality (number, latitude & longitude, map reference):

see 488

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Li

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): on wet talus above stream in full sun - growing in same area as #493

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): flowers pink; under surfaces of leaves green; plants from small, round, bulbous tubers

Local Name(s):

Local Use(s):

Number of Sheets: 6; seeds _____; other _____; photograph _____

Disposition of Sheets: 3 PRC 3 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Rubus

Family:

Locality (number, latitude & longitude, map reference):

see 488

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates): growing on the top of, and cascaden over a rock outcrop along the stream edge

Number: 00499

Date: 9/1/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Li

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste): pinkish calyx held closed; fruit dryish

Local Name(s):

Local Use(s):

Number of Sheets: 11; seeds _____; other _____; photograph _____

Disposition of Sheets: 6 PRC 5 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition

Name: Polystichum

Family:

Locality (number, latitude & longitude, map reference):

see 488

Site #_____, & Ecological Notes (elevation, aspect, soil, exposure, associates):

on moist, moss covered cliff face along stream

Number: 00500

Date: 9/1/80

Occurrence: C O I R

Collector(s): Bartholomew, Boufford, Dudley, Elias, Spongberg, & Li

Plant Characteristics (habit, height, bark & trunk, d.b.h., flowers, fruits, odor, taste):

Local Name(s):

Local Use(s):

Number of Sheets: 18; seeds _____; other _____; photograph _____

Disposition of Sheets: 9 PRC 9 USA: A CM NA NY UC Other _____

1980 Sino-American Botanical Expedition